Title: Perfect score:

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9, Appli 33, Appl 28, Appl 22, Appli 27, Appli 30, Appli 25, Appl

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20,

Minimum DB seg length: Maximum DB seg length:

277

14456

Run on:

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OM protein - protein search, using sw model
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1 MENTENSVDSKSIKNLEPKI.....AKKQIPCIVSMLTKELYFYH 277
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Listing first 45 summaries
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Copyright (c) 1993 - 2003 Compugen Ltd.
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US-08-591-605-2
US-08-964-308-6
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US-09-969-138-6
US-09-9561-756-12
US-09-951-747-3
US-09-969-138-10
US-08-964-313-10
US-08-964-313-10
US-08-964-313-11
US-08-964-313-11
US-08-964-313-11
US-08-964-313-11
US-08-964-313-11
US-08-964-313-17
US-08-964-313-7
US-08-964-331-7
US-08-964-331-7
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US-08-985-885-7
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sequence 30, Appl
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Patent No. 6060238
GENERAL INFORMATION:
APPLICANT: Dixit, Vishva M.
                                                                                                               Matches
                                                                                                                                             Query Match
                                                                                                                                 Best
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MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/591,605
APPLICATION NUMBER: US/08/591,605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dixit, Vishva
TITLE OF INVENTION: MCTH
TITLE OF INVENTION: APOC

NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
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TELEX: 706141 MRSNFOERS SFO
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                               TYPE: amino acids
TYPE: amino acid
TOPOLOGY: line
MOLECUT
                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: KONSKI, ANTOINETTE F.
REGISTRATION NUMBER: 34,202
REFERENCE/DOCKET NUMBER: 20344,21036.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                               MOLECULE TYPE: protein
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CLASSIFICATION:
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                                                                     1 MENTENSVDSKSIKNLEPKIIHGSESNDSGISLDNSYKYDYPENGLCIIINNKNFHKSTG
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                                                                                                                                 100.0%; Score 1463; DB 3; 100.0%; Pred. No. 2.2e-161;
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US-08-852-336C-4
US-09-805-338C-4
US-09-139-600-2
US-09-187-789-2
US-09-187-789-3
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US-09-187-789-3
US-09-187-789-9
US-09-187-789-9
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Patent No. 6066715
                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: DESMAR
APPLICANT: FRIESE
                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 07065
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Diskette
MEDIUM TYPE: IBM PC Compatible
MANUTER: IBM PC COMPATIBLE
MANUTER: PC-DOS/MS-DOS
V-Andows V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: NORTH, ROBERT J7,366
REGISTRATION NUMBER: 27,366
REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBERT J. NORTH - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/964,308 FILING DATE: 04-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: UZIP: 07065
                                                                                                                                                                                                                                Local
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121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
                                                                     61 MTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS 120
                                                                                                                                                                                                              277; Conservative
                                          61 MTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS 120
                                                                                                                                                                 1 MENTENSVDSKSIKVLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNPHKSTG 60
                                                                                                                             1 MENTENSVOSKSIKNLEPKIIHGSESMOSGISLDNSYKMDYPEMGLCIIINNKNFHKSTG
                                                                                                                                                                                                                                Similarity
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ZAMBONI, ROBERT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     04-NOV-1996
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                                                                                                                                                                                                   100.0%; Score 1463; DB 3; Length 277; 100.0%; Pred. No. 2.2e-161; 101ve 0; Mismatches 0; Indels 0
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Patent No. 6087150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: He, Wei-Wu et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme
TITLE OF INVENTION: Like Apoptosis Protease 3 and 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 11-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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TELEPHONE: 301-309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Brookes, A. Anders REGISTRATION NUMBER: 36, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 05
CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                       / Match 100.0%; Score 1463; DB 3; Local Similarity 100.0%; Pred. No. 2.2e-161; les 277; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
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181 DMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFWHILTRVN 240
                                           121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD
                                                                                   121 HGEEGIIFGTNGFVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
                                                                                                                                 61 MTSRSGTDVDAANLRETFRNLKYEVRNXNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS
                                                                                                                                                                   61 MTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
SOFTWARE: US/08/964,313
FILING DATE: 04-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION UNBER: E0/030,408
APPLICATION NUMBER: E0/030,408
FILING DATE: 04-NOV-1996
APPLICATION NUMBER: PCT/CA97/00825
APPLICATION NUMBER: PCT/CA97/00825
                                                                                                                                                    Matches 277; Conservative
                                                                                                                                                                                      Query Match
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NAME: DURETTE, PHILIPPE L.
REGISTRATION NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 198
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4568
                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
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CITY: RAHWAY
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                                                                                                                                                                        Local
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                                                                                                                                                                                                                                                                                                                      LENGTH:
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                          61 MTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS 120
                                                                                                    1 MENTENSVDSKSIKNLEFKIIHGSESMDSGISLDNSYKMDYFEMGLCIIINNKNFHKSTG 60
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                                                                                                                                                h 100.0%; Score 1463; DB 3; Length 277; Similarity 100.0%; Pred. No. 2.2e-161; 77; Conservative 0; Mismatches 0; Indels 0.
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MTSRSGTDVDAANLRETTRNIKYEVRNKNDLTREETVELMRDVSKEDHSKRSSTVCVLLS 120
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RAMACHANDRAN, CHIDAMBARAN
SKOREY, KATHRYN
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VENTION: PHOSPHATASE BINDING ASSAY
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61 MISRSGIDVDAANLREIFRNIKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS

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                                   B
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                                                                                                        Best Local Similarity Matches 277; Conserv
                                                                                                            Matches
                                                                                                                                              Query Match
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SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
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APPLICANT:
APPLICANT:
APPLICANT:
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ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO., I
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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TITLE OF INVENTION: NEW LIGANDS FOR PHOSPHATASE
TITLE OF INVENTION: BINDING ASSAY
                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4568
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: DURETTE, PHILIPPE L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
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CITY: I
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COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TOPOLOGY: lir
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61 MISRSGIDVDAANLREIFRNIKYEVRNKNDLIREEIVELMRDVSKEDHSKRSSFVCVLLS
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                                     1 MENTENSYDSKSIKNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTG
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FRIESEN, RICHARD
LEBLANC, YVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                                                       732-594-4720
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                                                                                                          100.0%; Score 1463; DB 4; ilarity 100.0%; Pred. No. 2.2e-161; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                             linear
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RESULT 6
US-09-124-934A-4
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GENERAL INFORMATION:
APPLICANT: He, Wei-Wu et al.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 4
                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08334251D Patent No. 6538121
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CURRENT APPLICATION NUMBER: US/09/124,934A
CURRENT FILING DATE: 1994-11-01
NUMBER OF SEQ ID NOS: 12
                                                                                        SEQ ID NO 4
                                                                                                                                                                                                    APPLICANT: He et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3
FILE REFERENCE: PF140
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                                                                                                         CURRENT APPLICATION NUMBER: US/08/334,251D CURRENT FILING DATE: 1994-11-01 NUMBER OF SEQ ID NOS: 12 SOFTWARE: Patentin version 3.0
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                     TYPE: PRT
ORGANISM: Homo sapiens
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                                                              ENGTH: 277
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                                                                                                                                                                                                                                                                  INFORMATION:
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           RESULT 9
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Best Local Similarity 100.0%;
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CURRENT APPLICATION NUMBER: US/09/561,756
CURRENT FILING DATE: 2000-04-26
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TYPE: PRT
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Similarity 99.6%;
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SEQ ID NO 12
LENGTH: 277
TYPE: PRT
ORGANISM: Homo sapien
US-09-227-721-12
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Patent No. 6399327
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CURRENT APPLICATION NUMBER: US/09/227,721
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 116
SOFTWARE: FastSEQ for Windows Version 3.0
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TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
TITLE OF INVENTION: THEREOF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: David WALLACH
APPLICANT: Mark P. BOLDIN
APPLICANT: Tanya M. GONCHAROV
APPLICANT: Yury V. GOLTSEV
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
FILING DATE: 14-JUN-1
                                                                                                           SOFTWARE: Patentin Relaction DATA:
                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS TITLE OF INVENTION: AND OTHER PROTEINS
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les 276; Conserv
                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
COEFFRANCE - F-1-1
                                                              APPLICATION NUMBER: FILING DATE: 16-JAN
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           14-JUN-1996
                                                                     16-JAN-1998
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Pred. No. 4.9e-161;
1; Mismatches 0;
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                 SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 5
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INFORMATION FOR SEQ ID NO:
                                                                        APPLICANT: JUAN, SHAO-CHIEH
APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
APPLICANT: PATTERSON, SCOTT D.
TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
TITLE OF INVENTION: PROTEASE
FILE REFERENCE: 06843-0019-00000
CURRENT APPLICATION NUMBER: US/08/724,378D
CURRENT FILING DATE: 1996-10-01
                                                        CURRENT FILING DATE: 1996-10-01 NUMBER OF SEQ ID NOS: 17
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APPLICATION NUMBER: IL 1:
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: 25,618
REGISTRATION NUMBER: WAI
REFERENCE/DOCKET NUMBER: WAI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,986
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APPLICATION NUMBER:
FILING DATE: 16-JUL-
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LENGTH: 277
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US-09-516-747-30
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GENERAL INFORMATION:
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ORGANISM: Homo sapiens
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Datentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/9/516,747
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ADDRESSEE: Browdy and Neimark
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  YUTY V. GOLISEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                               APPLICATION NUMBER: IL 117,932 FILING DATE: 16-APR-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                 APPLICATION NUMBER: II 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: II 115,319
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: II 116,588
FILING DATE: 27-DEC-1995
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                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/983,502 FILING DATE: «Unknown» APPLICATION NUMBER: II 114,615 FILING DATE: 16-JUL-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 419 Seventh Street N.W., Ste. 300
                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 01-Mar-2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: D.C
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NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
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Tanya M. GONCHAROV
Yury V. GOLTSEV
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MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 30: US-09-516-747-30
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PCT-US96-10521-30
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TELEPAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                          INFORMATION FOR SEQ ID NO:
                                                                                                          PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: IL 116,588
APPLICATION NUMBER: 27-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10521
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
                                                                                   FILING DATE: 27-DEC-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                  FILING DATE: 16-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
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COMPUTER READABLE FORM:
                  SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: IL 114,615
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TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
277 amino acids
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                                                                    16-APR-1996
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                                                                                       IL 117,932
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                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: NORTH, ROBERT J
REFISTRATION NUMBER: 27,366
REFISENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSE: ROBERT J. NORTH - MERCK & CO., INC.
ADDRESSE: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: FRIESEN, RICHARD
APPLICANT: ZAMBONI, ROBERT
TITLE OF INVENTION: NEW LIGANDS FOR PHOSPHATASE
TITLE OF INVENTION: BINDING ASSAY
            LENGTH: 277 au....
TYPE: amino acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
    TOPOLOGY: 11
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FILING DATE: 04-NOV-1996
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 126 |
CITY: RAHWAY
                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                         TELEPHONE:
                                                                                                                                                           TELEFAX:
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                                                                             277 amino acids
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                                                                                                                                                           732-594-4720
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IBM PC Compatible
SYSTEM: PC-DOS/MS-DOS
peptide
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Pred. No. 4.9e-161;
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GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                      FILING DATE: 04-NOV-1996
APPLICATION NUMBER: PCT/CA9-
APPLICATION NUMBER: PCT/CA9-
FILING DATE: 03 -NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: DURETTE, PHILIPPE LANGE: 35,125
REGISTRATION NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 6
FILING DATE: 04-NOV-1
                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,313
FILING DATE: U4-NOV-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO.,
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: PHOSPHATASE BINDING ASSAY NUMBER OF SEQUENCES: 15
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                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4568
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                                         TELEX:
                                                             TELEFAX:
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FRIESEN, RICHARD
GRESSER, MICHAEL
KENNEDY, BRIAN
NICHOLSON, DONALD
RAMACHANDRAN, CHIDAMBARAN
SKOREY, KATHEYN
SKOREY, KATHEYN
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                                                               732-594-4720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Diskette
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; LENGTH: 277 amino acids
TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-964-313-10
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Search completed: December 29, 2003, 16:37:12 Job time : 22 secs
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                                                                                                                                   121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
                                                                   241 RKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 277
                                                                                            241 RKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 277
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                                                                                                  ; TYPE: PRT; ORGANISM: Homo sapien US-09-561-756-12
                                                                                                                                                                            SOFTWARE: Fast
SEQ ID NO 12
LENGTH: 277
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                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION: Emad S. APPLICANT: AINEMEL, Emad S. TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 12, Application US/09561756
Patent No. 6376226
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Best Local Similarity
Query Match 44.4%; Score 716; DB 4; Length 277; Best Local Similarity 50.5%; Pred. No. 4e-73; Matches 143; Conservative 50; Mismatches 78; Indels
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TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3
                                                                                                                                                                                                                                                 FILE REFERENCE: 480140.431
CURRENT APPLICATION NUMBER: US/09/561,756
CURRENT FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 09/227,721
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 116
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TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                               FastSEQ for Windows Version 3.0
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233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                 259 MOILTRYNDRYARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 301
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Search completed: December 30, 2003, 06:28:08 Job time : 22 secs

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US-09-069-138-6
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Patent No. 6348572
GENERAL INFORMATION:
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LENGTH: 277 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO., II
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                       MEDIUM TYPE: Floppy Diskette
COMPUTER: IBM PC COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: YOUNG, ROBERT N.
APPLICANT: ZAMBONI, ROBERT
TITLE OF INVENTION: NEW LIGANDS FO
TITLE OF INVENTION: BINDING ASSAY
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                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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NAME: DURETTE, PHILIPPE L. REGISTRATION NUMBER: 35,125 REGERENCE/DOCKET NUMBER: 19 TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-4568
                                                                                                       FILING DATE: 29-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: sin
TOPOLOGY: linear
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                                                                                                                                                                 APPLICATION NUMBER: US/09/069,138
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DUFRESNE, CLAUDE
FRIESEN, RICHARD
LEBLANC, YVES
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US-09-069-138-6
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US-09-124-934A-4
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APPLICANT: He, Wei-Mu et al.,

TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Proteas

FILE REFERENCE: PF140C1

FULE REPERENCE: PF140C1

CURRENT APPLICATION NUMBER: US/09/124,934A

CURRENT FILING DATE: 1994-11-01
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SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
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NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
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TYPE: PRT
ORGANISM: homo sapiens
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Local Similarity 50.9%; Pred. No. 1.8e-73; Local Sec. 144. Conservative 49; Mismatches 78; Indels
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176 SGVDDDMAC---HKIPVBADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEF
                                           199 SGPINDTDANDRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 258
                                                                                           116 CVLLSHGEEGTIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFTIQACRGTELDCGTETD 175
                                                                                                                                         139 CILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKFKLFFIQAGRGTELDDAIQAD 198
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MOLECULE TYPE: peptide US-08-964-308-6
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
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                                      TELEPHONE: 301-309-8504
TELEFAX: 301-309-8439
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: He, Wei-Wu et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme
TITLE OF INVENTION: Like Apoptosis Protease 3 and 4
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                               CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
SEQUENCE CHARACTERISTICS LENGTH: 277 amino acio
                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-309-8504
                                                                                                                                                                                    FILING DATE: 11-NOV-1994
ATTORNEY/AGENT INFORMATION:
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                                                                                                                          REGISTRATION NUMBER: 36, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 05-JU
                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
                                                                                                                                                                       NAME:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
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                                                                                                                                                                    Brookes, A. Anders
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                                                                                                                                                                                                                                                                                                                                                           Patentin Release #1.0, Version #1.30
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
               FILING DATE: 03 -NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: DURETTE, PHILIPPE L.
REGESTRATION. NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 198;
TELECOMMUNICATION INFORMATION:
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APPLICANT:
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APPLICANT:
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STRANDEDNESS: sing
TOPOLOGY: linear
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                                                                                                                                     FILING DATE: 04-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,408
FILING DATE: 04-NOV-1996
APPLICATION NUMBER: PCT/CA97/00
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
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                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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KENNEDY, BRIAN
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                                                                                                                                                                                                                                                                                                                                          IBM Compatible
732-594-4568
                                                                                                                                                                                                                                  US/08/964,313
04-NOV-1997
                                                                                                                                                                                                                                                                                                                                                                    Diskette
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US-08-334-251D-2
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US-08-591-605-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.0 SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08591605
Patent No. 6060238
GENERAL INFORMATION:
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TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3
FILE REFERENCE: PF140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT ORGANISM: Homo sapiens
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                                     PC-DOS/MS-DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/591.605

FILING DATE: 09-PPP
                                                                                                                                                  ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD AN
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
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KONSKI, ANTOINETTE F
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VENTION: METHOD AND COMPOSITION FOR REGULATING
                                                                                                                                                                                                                                                              USA
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Patent No. 6066715
GENERAL INFORMATION:
APPLICANT: DESMARAIS, SYLVIE
                              FILING DATE: 04-NOV-1996
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: NORTH, ROBERT J
REGISTRATION NUMBER: 27,366
REFERENCE/DOCKET NUMBER: 1984
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROBERT J. NORTH - MERCK & CO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: FRIESEN, RICHARD
APPLICANT: ZAMBONI, ROBERT
TITLE OF INVENTION: NEW LIGANDS FOR THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T
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MEDIUM TYPE: Floppy Diskette
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U
ZIP: 07065
                                                                                                                                                                                                      APPLICATION NUMBER: US/08/964,308
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126 EAST LINCOLN AVENUE - P.O.

BOX 2000

DESMARAIS, SYLVIE
FRIESEN, RICHARD
ZAMBONI, ROBERT
VENTION: NEW LIGANDS FOR PHOSPHATASE

USA

732-594-4720

19840 PCT

04-NOV-1996

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Query Match 44.5%; Score 719; DB 3; Length 277; Best Local Similarity 50.9%; Pred. No. 1.8e-73; Matches 144; Conservative 49; Mismatches 78; Indels
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LENGTH: 277 amino acids
TYPE: amino acid
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REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
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TELEFAX: (415) 494-0792
TELEX: 706141 MRSNFOERS SFO
                                                                                                        176 SGVDDDMAC---HKIPVBADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEF 232
                                                                                                                                                             199 SGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 258
                                                                                                                                                                                                                          116 CVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIQACRGTELDCGIETD 175
                                                                                                                                                                                                                                                                               139 CILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDAIQAD 198
233 MHÍLÍRVNRKVÁTEFÉSFSFDATFHAKKQIPCIVSMLTKELYF
                                           259 MQILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 301
                                                                                                                                                                                                                                                                                                                                         56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
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mR: 20344-21036.21
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                                                                                                                                                                               US-09-124-934A-2
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                                                                                                                                                                                                                                                               SOFTWARE: PatentIn version 3.0 SEQ ID NO 2
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                                                                                     Matches 302; Conservative
                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/124,934A CURRENT FILING DATE: 1994-11-01 NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: He, Wei-Wu et al., TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3 an
                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: PF140C1
                                                                                                                                                                                                  TYPE: PRT
ORGANISM: homo sapiens
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REFERENCE/DOCKET NUMBER: P-ID 1813
TELECOMMUNICATION IMPORMATION:
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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                                                                                                            Local Similarity
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                                        1 MADDOGCIEEOGVEDSANEDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQY 60
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  MADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQY 60
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                                                                                                            Score 1610; DB 4; Length 303; Pred. No. 6.6e-175;
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Patent No. 6512104
GENERAL INFORMATION:
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    RESULT 7
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APPLICANT: PLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
APPLICANT: PATTERSON, SCOTT D.
TITLE OF INVENTION: INVERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
TITLE OF INVENTION: PROTEASE
FILE REPERENCE: 66843-0019-00000
CURRENT SEPLICATION NUMBER: US/08/724,378D
CURRENT FILING DATE: 1996-10-01
NUMBER OF SEQ ID NOS: 17
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ORGANISM: Homo sapiens
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US-09-561-756-24
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SEQ ID NO 24
LENGTH: 303
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Alnemri, Emad S.
TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 480140.431
CURRENT APPLICATION NUMBER: US/09/561,756
CURRENT FILING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 09/227,721
PRIOR PILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 116
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                                               FSQ 303
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; Patent No. 6379950
; GENERAL INFORMATION:
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US-08-556-627A-2
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CURRENT APPLICATION NUMBER: US/09/227,721
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 116
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Alnemri, Emad S. TITLE OF INVENTION: RECOMBITITILE OF INVENTION: THEREOF
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ORGANISM: Homo sapien
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Pred. No. 6.6e-175;
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Sequence 2, Application US/08556627A Patent No. 6462175
                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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APPLICANT: Tomaselli, Kevin
TITLE OF INVENTION: Mch3, A No. 6462175el Apoptotic Procease,
TITLE OF INVENTION: Nucleic Acids Encoding and Methods of Use
                                                                                                                                                                                                                                                                                                                                       APPLICANT: Alnemri, APPLICANT: Fernande APPLICANT: Litwack,
                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin pelani
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                                                                                                                           COUNTRY:
                                                                                                                                                                                                        ADDRESSEE:
                                                                                                        92122
                                                                                                                                             San Diego
California
                                                                                                                                                                                       4370 La Jolla Village Drive, Suite 700
                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                       Litwack, Gerald
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            PatentIn Release #1.0,
                                                                                                                                                                                                        Campbell and Flores
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              Version
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Run on:
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Maximum DB seq length: 303
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Issued_Patents_AA:*

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Listing first 45 summaries
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Result

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1 MADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKXKKNVTMRSIKTTRDRVPTYQY 60

466 28.9 29.1 US-08-522-813-9 466 28.9 29.3 US-09-146-331-5 466 28.9 29.3 US-09-146-331-5 466 28.9 29.3 US-09-146-331-5 466 28.9 29.3 US-09-146-331-5 466 28.9 29.3 US-08-983-502-31 466 28.9 29.3 US-08-983-502-31 466 28.9 29.3 US-08-983-502-31 466 28.9 29.3 US-08-983-502-31 466 28.9 29.3 US-08-724-3780-6 466 28.9 29.3 US-09-516-747-31 466 28.9 29.3 US-09-516-747-31 466 28.9 29.3 US-09-516-747-31 466 28.9 29.3 US-09-516-747-31 466 28.9 29.3 US-09-516-747-31 466 28.9 29.3 US-09-516-747-31 476 28.9 29.3 US-09-516-747-31 476 28.9 29.3 US-09-516-747-31 476 28.9 29.3 US-09-146-331-7 396 24.5 20.4 US-09-146-331-7 396 24.5 20.4 US-09-376-186-7 396 24.5 20.4 US-09-376-186-7 398 24.1 290 US-09-561-756-3 389 24.1 290 US-09-561-756-3
9.0 278 3 US-08-522-813-4  8.9 293 1 US-08-146-331-5  8.9 293 2 US-09-146-331-5  8.9 293 4 US-09-375-256-5  8.9 293 4 US-09-375-256-5  8.9 293 4 US-09-376-156-5  8.9 293 4 US-09-176-136-5  8.9 293 4 US-09-176-747-31  8.9 293 4 US-09-16-747-31  8.9 293 4 US-09-16-747-31  8.9 293 4 US-09-16-747-31  8.9 293 4 US-09-16-747-31  8.9 293 4 US-09-16-017-1  9.0 10 10 10 10 10 10 10 10 10 10 10 10 10
93 1 US-08-522-813-5 93 2 US-09-146-331-5 93 2 US-09-146-331-5 93 4 US-09-376-156-5 93 4 US-08-983-502-31 93 4 US-08-983-502-31 93 4 US-09-376-156-5 93 4 US-09-36-747-31 93 4 US-09-516-747-31 93 4 US-09-516-747-31 94 US-09-146-925-7 95 4 US-09-146-925-7 96 4 US-09-146-331-7 96 4 US-09-146-331-7 96 4 US-09-375-256-7 97 4 US-09-375-256-7 98 4 US-09-375-256-7 99 4 US-09-561-756-34
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RESULT 1
US-08-462-969B-2
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                                                                                  US-08-462-969B-2
Query Match 99.8%; Score 1610; DB 3; Length 303; Best Local Similarity 99.7%; Pred. No. 6.6e-175; Matches 302; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: He, We
                                                                                                                                                                                                                           TELEFAX: 301-309-8439
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                              NAME: Brookes, A. Anders
REGISTATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELECHONE: 301-30-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IMP Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                 TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 11-NOV-1994
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: He, Wei-Wu et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme
TITLE OF INVENTION: Like Apoptosis Protease 3 and 4
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/462,969B FILING DATE: 05-JUN-1995 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Ave
                                                                                                                                      TYPE: amino a
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Maximum DB seq length: 302
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3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep:*
5: /cgm2_6/ptodata/1/iaa/pcTUS_COMB.pep:*
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Listing first 45 summaries
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US-08-591-605-2
US-08-964-108-6
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US-09-969-138-6
US-09-969-721-721-12
US-09-969-721-721-12
US-09-961-747-30
US-08-964-308-10
US-08-964-308-2
US-08-964-308-2
US-08-969-561-756-21
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US-08-898-588-5
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                       Sequence 12, Appl
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Sequence 10, Appl
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EDSVDAKPD  :   :  ENSVDSKSI	milarity Conser	SULT 1  108-591-605-2  108-591-605-2  108-591-605-2  109-606238  GENERAL INFORMATION:  APPLICANT: Dixit, Vishva M.  APPLICANT: DIXIC, Vishva M.  APPLICANT: CA.  COUNTRY: DALD ALTO  STATE: CA.  COUNTRY: WAA  COUNTRY: USA  ZIP: 94304-1018  COMPUTER READABLE FORM:  MEDIUM TYPE: Floppy disk  COMPUTER: IBM PC compactibl  OPERATING SYSTEM: PC-DOS/M  SOFTWARE: Patentin Release  CURRENT APPLICATION DATA:  APPLICATION NUMBER: US/68/  FILING DATE: 09-FEE-1996  CLASSIFICATION NUMBER: 34,20  REFERENCE/DOCKET NUMBER: 34,20  REFERENCE/DOCKET NUMBER: 34,20  REFERENCE/DOCKET NUMBER: 34,20  TELEPHONE: (415) 813-5600  TELEPAX: 70614 MRSNPOERS SF  INFORMATION FOR SEQ ID NO: 2:  SEQUENCE CHARACTERISTICS:  SEQUENCE SEQ ID NO: 2:  SEQUENCE CHARACTERISTICS:  SEQUENCE CHARACTERIST		00000000000000000000000000000000000000
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SIKTTRD  : : SLDNS	19; DB o. 1.7e- atches	COMPOSITION F	IGNMENTS	10427-31 10427-31 10427-31 1047-1 1047-1 3337-7 1335-7 1756-3 175
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/08964308
Patent No. 6066715
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APPLICANT: DESMAR
APPLICANT: FRIESE
APPLICANT: ZAMBON
                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: NORTH, ROBERT J
REGERENCE/ON NUMBER: 27,366
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy Diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS: NOETH - MERCK & CO., INC.
ADDRESSEE: ROBERT J. NORTH - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: NEW LIGANDS F
                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 04-NO CLASSIFICATION: 53
                                                                                                                                                                                                                                       / Match 44.7%; Score 719; DB 3; Length 277; Local Similarity 50.9%; Pred. No. 1.7e-73;
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    138 CILLSHGBENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                  144; Conservative
                                             56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                                   78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                                                                       18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
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ZAMBONI, ROBERT
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                                                                                                                                                                                                                                                                                                                                          linear
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04-NOV-1996
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                                                                                                                                                                                                                  49; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             19840 PCT
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Patent No. 6087150
GENERAL INFORMATION:
APPLICANT: He, Wei-Wu et al.
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                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,373
REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 11-NOV-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/334,251 FILING DATE: 11-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                          Local Similarity
les 144; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            176 SGVDDDMAC---HKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEF 232
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           198 SGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 257
                                                    116 CVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKFKLFITQACRGTELDCGIETD 175
                                                                                          138 CILLSHGEENVIYGKDGVTFIKDLTAHFRGDRCKTLLEKFKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                                                                  18 EDSVDAKEDRSSEVESLESKKKKNVTMRSIKTTRDRVETYQYNMNFEKLGKCIIINNKNF 77
                                                                                                                                       56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKUDLTREETVELMRDVSKEDHSKRSSFV 115
                                                                                                                                                                                78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMODLLKKASEEDHTNAACFA 137
                                                                                                                                                                                                                         5 ENSVDSKSIK-NLEPKIIHGSESMDSGISLDNS-----YKMDYPEMGLCTTINNKNF 55
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Patent No. 6114132
                                                                                                                                                                   Matches 144;
                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/030,40
FILING DATE: 04-NOV-1996
APPLICATION UNMBER: PCT/CA97/
FILING DATE: 03 -NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: DURETTE, PHILIPPE L.
REGISTRATION NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 1982
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4568
                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 277 amino acids
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,313
FILING DATE: 04-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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TITLE OF INVENTION: PHOSPHATASE BINDING ASSAY
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO., INC.
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CITY: RAHWAY
                                                                                                                                                              / Match 44.7%; Score 719; DB 3; Length 277; Local Similarity 50.9%; Pred. No. 1.7e-73; nes 144; Conservative 49; Mismatches 78; Indels 1
                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                           TYPE: amino acid
STRANDEDNESS: sin
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                                   78 DKYTCMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                         18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
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GRESSER, MICHAEL
KENNEDY, BRIAN
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                                                                                                                                                                                                                                                                                              linear
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NUMBER: PCT/CA97/00825
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MOLECULE TYPE: peptide
US-09-069-138-6
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 277 amino acids
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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REGISTRATION NUMBER: 35,11
REFERENCE/DOCKET NUMBER: 1
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STATE: NJ
                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: sir
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STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
        56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                                                                               18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
                                              78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                          5 ENSVDSKSIK-NLEPKIIHGSESMDSGISLDNS-----YKMDYPEMGLCIIINNKNF 55
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                                                                                                                                                                           Conservative
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LEBLANC, YVES
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                                                                                                                                                                                             44.7%; Score 719; DB 4; Length 277; 50.9%; Pred. No. 1.7e-73;
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ER: 19840YIA
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US-08-334-251D-4
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CURRENT APPLICATION NUMBER: US/09/124,934A
CURRENT FILING DATE: 1994-11-01
NUMBER OF SEQ ID NOS: 12
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                                                                                                                    FILE REFERENCE: PF140
CURRENT APPLICATION NUMBER: US/08/334,251D
CURRENT FILING DATE: 1994-11-01
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                      APPLICANT: He et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme Like Apoptosis Protease 3
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TYPE: PRT
                       LENGTH: 277
TYPE: PRT
ORGANISM: Homo sapiens
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           RESULT 9
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 116
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 277
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Best Local (
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TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
TITLE OF INVENTION: THEREOF
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CURRENT APPLICATION NUMBER: US/09/561,756
CURRENT FILING DATE: 2000-04-26
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ORGANISM: Homo sapien
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US-08-983-502-30
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CURRENT FILTIG DATE: 199-01-08
CURRENT FILTIG DATE: 199-01-08
NUMBER OF SEQ ID NOS: 116
SOFTMARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 277
TYPE: PRT
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Patent No. 6399327
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TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
TITLE OF INVENTION: THEREOF
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APPLICATION NUMBER: US/06/983,502
FILING DATE: 16-JAN-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/1052:
FILING DATE: 14-JUN-1996
                                                                                                                    MEDIUM TYPE: Floppy disk
CCMEDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0; Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: David WALLACH
APPLICANT: Mark P. BOLDIN
APPLICANT: Tanya M. GONCHAROV
APPLICANT: Yury V. GOLTSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
TITLE OF INVENTION: AND OTHER PROTEINS
                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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50.5%; Pred. No. 3.7e-73;
ative 50; Mismatches 78;
                               PCT/US96/10521
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                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                  SOFTWARE: PatentIn Ver.
SEQ ID NO 5
                                                           APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
TITLE OF INVENTION: PROTEASE
FILE REFERENCE: 06643-0019-00000
CURRENT APPLICATION NUMBER: US/08/724,378D
CURRENT FILING DATE: 1996-10-01
NUMBER OF SEQ. ID NOS: 17
                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/08724378D Patent No. 6512104
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Best Local :
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FILING DATE: 27-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 11:
APPLICATION NUMBER: IL 11:
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
LENGTH: 277
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 16-JUL-PRIOR APPLICATION DATA:
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REGISTRATION NUMBER: 1
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.W., Ste. 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: David WALLACH Mark P. BOLDIN
                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/516,747
FILING DATE: 01-Mar-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        116 CVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKFKLFIIQACRGTELDCGIETD 175
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                                                                                      APPLICATION NUMBER: 08/983,502
FILING DATE: <UNKNOWN'
APPLICATION NUMBER: II 114,615
FILING DATE: 16-UUL-1995
APPLICATION NUMBER: II 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: II 115,319
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: II 115,519
FILING DATE: 14-DEC-1995
APPLICATION NUMBER: II 117,932
FILING DATE: 16-APR-1996
APPLICATION NUMBER: II 117,932
FILING DATE: 16-APR-1996
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REFERENCE/DOCKET NUMBER: WALLACH=19
                         NAME: Browdy, Roger L. REGISTRATION NUMBER: 2
                                                     NAME:
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Yury V. GOLTSEV
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                            25,618
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Best Local Similarity
          FILING DATE: 16-APR-19
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acid
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                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
                                                                                                                                                                                                                                                                                              FILING DATE: 16-JUL-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 1:
FILING DATE: 17-AUG-1995
                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: MODULATORS OF THE TITLE OF INVENTION: AND OTHER PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT
                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA: APPLICATION NUMBER:
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                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               176 SGVDDDMAC---HKIPVDADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEF 232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
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TELEFAX: (202) 737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
            277 amino acids
                                                                                                                                                                                                                              14-SEP-1995
                                                                                 16-APR-1996
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                                                                                                                                                                                                                                                        IL 115,319
                                                                                                                                                                                                                                                                                                                             IL 114,986
                                                                                                        IL 117,932
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US-08-964-308-10

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APPLICANT: DESMARAIS, SYLVIE
APPLICANT: FRIESEN, RICHARD
APPLICANT: ZAMBONI, ROBERT
                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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MEDIUM TYPE: Floppy Diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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TITLE OF INVENTION: BINDING ASSAY
NUMBER OF SEQUENCES: 15
                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
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  MOLECULE TYPE:
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STRANDEDNESS: si
TOPOLOGY: linear
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                                                                                                                                                                                                                                                   NAME: NORTH, ROBERT J
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 04-NO CLASSIFICATION: 53
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OPERATING SYSTEM:
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                                         STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZAMBONI, ROBERT
VENTION: NEW LIGANDS FOR PHOSPHATASE
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Matches 143; Conserv
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                                                                                                                                                                                   APPLICATION NUMBER: US/08/964,313
FILING DATE: 04-NOV-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,408
FILING DATE: 04-NOV-1996
APPLICATION NUMBER: PCT/CA97/00825
APPLICATION NUMBER: PCT/CA97/00825
FILING DATE: 03-NOV-1996
ATTORNEY/AGENT INFORMATION:
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APPLICANT: DESMAR
                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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SEQUENCE CHARACTERISTICS:
                                                                                TELEPHONE: 732-594-4568
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                                                                                                                           REGISTRATION NUMBER: 35, REFERENCE/DOCKET NUMBER:
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STREET: 1
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                                                                                                                                                                        DURETTE,
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                                                                 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RAMACHANDRAN, CHIDAMBARA SKOREY, KATHRYN FORD-HUTCHINSON, ANTHONY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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FRIESEN, RICHARD
                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Diskette
                                                                                                                                                                      PHILIPPE L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               44.1%; Score 709; DB 3; 50.5%; Pred. No. 2.3e-72;
                                                                                                                                                                                                                                    PCT/CA97/00825
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Result
No.
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 277
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Perfect score:
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                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
Query
Score Match Length DB
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1531.329 Million cell updates/sec
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_: /cgn2 6/ptodata/1/pubpaa
                                                                                                                                                                                                                                                                                                                 : (cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
(cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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(cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
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Copyright (c) 1993 - 2003 Compugen Ltd.
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US-10-368-438-20	US-10-171-077-7	US-10-214-932-112	US-10-214-932-110	US-09-809-905-2	US-10-108-929-3	US-10-103-448-3	US-10-155-567-4	US-10-368-438-30	US-10-280-670-5	US-09-851-873-98	US-09-954-697-12	US-10-207-655-202	US-10-214-932-108	US-09-895-263-4	
Sequence 20, Appl		Sequence 112, App	Sequence 110, App	Sequence 2, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 4, Appli	Sequence 30, Appl	Sequence 5, Appli	Sequence 98, Appl	Sequence 12, Appl	Sequence 202, App	Sequence 108, App	Sequence 4, Appli	

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Description

# ALIGNMENTS

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US-09-895-263-4
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Sequence 4, Application US/09895263
Sequence 4, Application US/09895263
Patent No. US20020076799A1
GENERAL INFORMATION:
APPLICANT: He, Wei-Wu et al.
APPLICANT: He, Wei-Wu et al.
TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme
                      INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: JONATHAN L. Klein
REGISTRATION NUMBER: 41,119
REFERENCE/DOCKET NUMBER: PF140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-251-6015
TELEPHONE: 301-29-8439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Ave.
                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20850
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/895,263 FILING DATE: 02-Jul-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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LENGTH: 277 amino acids
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Best Local :
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SEQ ID NO 108
LENGTH: 277
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LEE, Yong Jik
TITLE OF INVENTION. SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: ADDRESSYSTEM FOR DETECTING PROTEASE
CURRENT APPLICATION NUMBER: US/10/214,932
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: HWANG, APPLICANT: KIM, APPLICANT: LEE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                            277;
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  241 RKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 277
                                                                                                                                                   121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
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                                                                                            DMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFWHILTRVN 240
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STRANDEDNESS: single
                                                 DMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILTRVN
                                                                                                                                                                                         HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
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Dae Heon
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; ORGANISM: Homo sapiens US-10-207-655-202
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                                                                                                                          LENGTH: 277
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-954-697-12
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US-09-954-697-12
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 12
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SEQ ID NO 202
LENGTH: 277
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APPLICANT: Ledbetter Jeffrey A.
APPLICANT: Hayden-Ledbetter, Martha S.
TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
FILE REFERENCE: 390069.401C1
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 12, Appare
Sequence 12, Appare
US20020106631A1
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                                      Matches 276; Conservative
                                                        Query Match 99.8%; Score 1460; DB 10; Best Local Similarity 99.6%; Pred. No. 2.5e-143;
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CURRENT FILING DATE: 2002-07-25
NUMBER OF SEQ ID NOS: 426
                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 2001-
                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES TITLE OF INVENTION: THEREOF
                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Alnemri, Emad S
                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 480140.431D2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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                                                                                                                                                                                                                                                                                 2001-09-14
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RESULT 5
US-09-851-873-98
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SEQ ID NO 98
LENGTH: 277
TYPE: PRT
                                                                                         Sequence 5, Application US/10280670 Publication No. US20030170812A1 GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/851,873
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 105
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APPLICANT: Reardon, Tlene M
APPLICANT: Weiland, Katherine L
TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS
                     APPLICANT: JUAN, SHAO-CHIEH
APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
nes 276; Conserv
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99.6%; Pred. No. 2.5e-143;
tive 1; Mismatches 0;
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US-10-368-438-30
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Best Local Similarity
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FILE REFERENCE: 06843-0019-01000
CURRENT APPLICATION NUMBER: US/10/280,670
CURRENT FILING DATE: 2002-10-24
PRIOR APPLICATION NUMBER: 08/724,378
PRIOR FILING DATE: 1996-10-01
NUMBER OF SEQ ID NOS: 17
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                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-JAN-1998
APPLICATION NUMBER: PCT/US96/10521
                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                    ZIP: 20004
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS: Browdy and Neimark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 34
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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     FILING DATE: 14-JUN-1996
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
                                                                                                                                                                                           FILING DATE: 20-Feb-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/368,438
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Yury V. GOLTSEV
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    419 Seventh Street N.W.,
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Pred. No. 2.5e-143;
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                                                                                                                      ; TYPE: PRT; ORGANISM: homosapiens US-10-155-567-4
                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-155-567-4
                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/1015567
Publication No. US20030219421A1
GENERAL INFORMATION:
APPLICANT: CHRISTAKOS, Sylvia
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Best Local :
                                                                                                                                                                                                      SEQ ID NO 4
                                           Matches 272; Conservative
                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CALBINDIN-D 28K PROTECTION AGAINST GLUCOCORTICOID INDUCED CELL FILE REFERENCE: 267/266
                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/155,567
CURRENT FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 4
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INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
TYPE: amino acid
                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                   ENGTH: 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
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APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 628-5197
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  1 MENTENSVDSKSIKNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTG 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDD 180
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APPLICATION NUMBER: IL 116,588
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
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                                                            98.5%; Score 1441; DB 12; Length 277; 98.2%; Pred. No. 2.4e-141;
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                                         2; Mismatches
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Pred. No. 2.5e-143;
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    ; Sequence 3, Application US/10108929
publication No. US20020197702A1
; GENERAL INFORMATION:
; APPLICANT: Krebs, Joseph F.
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                                                                                  RESULT 10
US-10-108-929-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapien
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            263;
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99.6%;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 264
TYPE: PRT
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                                                254 ATFHAKKQIPCIVSMLTKELYFYH 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            241 RKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 277
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241 ATFHAKKQIPCIVSMLTKELYFYH 264
                                                                                                                             181 LYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFD 240
                                                                                                                                                                                        194 LYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFWHILTRYNRKVATEFESFSFD 253
                                                                                                                                                                                                                                                              121 VOLKKITNEFREDRÖRSITEKPKIFITQACRETELDCETETDSGVDDDMACHKIPVDADF 180
                                                                                                                                                                                                                                                                                                                                 134 VDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDMACHKIPVEADF 193
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Pred. No. 8.4e-137;
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APPLICANT: Huang, Yuanhui
APPLICANT: Sun, Yi
APPLICANT: Wang, Kevin Ka-Wang
TITLE OF INVENTION: CASPASE-3S SPLICING VARIANT
FILE REFERENCE: U.S. Application A0000224
CURRENT APPLICATION NUMBER: US/09/809,905
CURRENT APPLICATION NUMBER: 2001-03-16
PRIOR APPLICATION NUMBER: 60/204,468
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 5
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                                                                                                                                                                                                                                                              ; TYPE: PRT; ORGANISM: Homo sapiens US-09-809-905-2
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CURRENT APPLICATION NUMBER: US/10/108,929
CURRENT FILING DATE: 2002-03-26
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
SEQ ID NO 3
LENGTH: 264
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09809905 Patent No. US20020001806A1
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Best Local :
                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 2
                                                                                                                                                                     Matches 161;
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APPLICANT: Wu, Joseph C.

TITLE OF INVENTION: MEMBRANE DERIVED CASPASE-3, COMPOSITIONS
TITLE OF INVENTION: COMPRISING THE SAME AND METHODS OF USE THEREFOR
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ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                  ENGTH: 182
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      61 LRETFRNIKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGP
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                      61 MTSRSGTDVDAANLRETFRNIKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS 120
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                                                                    MENTENSVDSKSIKNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTG 60
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Conservative
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                                                                                                                                                                                         56.9%; Score 833; DB 9; 100.0%; Pred. No. 2.1e-78;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 1397; DB 14; Length 264; Pred. No. 8.4e-137; 1; Mismatches 0; Indels 0.
                                                                                                                                                                     0
                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                  DB 9; Length 182;
                                                                                                                                                                       Indels
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                                                                                                                                                                       Gaps
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APPLICANT: HWANG, Inhwan
APPLICANT: KIM, Dae Heon
APPLICANT: LEE, Yong Jik
ITILE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: APBO2/US
CURRENT APPLICATION NUMBER: US/10/214,932
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 13
SOSTWARE: Patentin version 3.1
SEQ ID NO 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 B
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US-10-214-932-110
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                                                                                                                                                                                                                                                           SOFTWARE: PatentIn version 3.1
SECTION 112
SECTION 1102
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 112, Fublication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
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                                                                                                                              Matches 102;
                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                           APPLICANT: KIM, Dae Heon
APPLICANT: LEE, YONG JİK
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: APB02/US
CÜRRENT APPLICATION NUMBER: US/10/214,932
CÜRRENT FILING DATE: 2002-08-08
NÜMBER OF SEQ ID NOS: 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: HWANG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                      ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH: 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
nes 147; Conserv
                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQ 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 HGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQ 161
                                                                                  176 SGVDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHI 235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     149 RSLTGKPKLFIIQACRGTELDCGIETD 175
  236 LTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 MTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLS 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     89 NDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29 SGISLDNSYKNDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RSLTGKPKLFIIQACRGTELDCGIETD 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NDLTREETVELMRDVSKEDHSKRSSEVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 120
                                         SGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/10214932 o. US20030100707A1
                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  52.7%; Score 771; DB 15;
100.0%; Pred. No. 4.4e-72;
tive 0; Mismatches 0;
                                                                                                                            37.7%; Score 551; DB 15; 100.0%; Pred. No. 1.9e-49; Ltive: 0; Mismatches 0;
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                                                                                                                                                                          Length 102;
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61 LTRVNRKVATEFESFSEDATFHAKKQIPCIVSMLTKELYFYH 102

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SEQUENCE DESCRIPTION: SEQ ID NO: 7: US-10-171-077-7
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US-10-171-077-7
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                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                      Local
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APPLICATION NUMBER: US/10/171,077
FILING DATE: 12-Jun-2002
CLASSIFICATION: <URKnown>
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/446,925 FILING DATE: <Unknown> ATTORNBY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Litwack, Gerald Alnemri, Emad S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1508
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
                                                                                                                                                                                                                   163 CRGTELDCGI-----ETDSGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNS 209
194 TKKLHFF 200
                                        270 TKELYFY 276
                                                                                  134 VNGSWYIQDLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVPCFASML 193
                                                                                                                             210 KDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 269
                                                                                                                                                                                                                                                                                                        103 VSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQA 162
                                                                                                                                                                        74 CRGNQHDVFVIPLDVVDNQTEKLDTNITEVĎAASVYTLPAGADFLMCÝSVÁEGYYSHRET 133
                                                                                                                                                                                                                                                             14 VSTVSHADADCFVCVFLSHGEGNHIYAYDAKIEIQTLTGLFKGDKCHSLVGKFKIFIIQA 73
                                                                                                                                                                                                                                                                                                                                                     82;
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                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: PA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz
No. US20030022353Alris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 204 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                28.6%; Score 418.5; DB 1 43.9%; Pred. No. 3.1e-35; Live 29; Mismatches 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PROTEASE, AND COMPOSITIONS FOR MAKING AND
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                                                                                                                                                                                                                                                                                                                                                                                             DB 15; Length 204;
                                                                                                                                                                                                                                                                                                                                                     63; Indels
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Sequence 20, Application US/10368438
publication No. US20030219411A1
general Information:
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US-10-368-438-20
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                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mark P. BOLDIN
Tanya M. GONCHAROV
YURY V. GOLTSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
AND OTHER PROTEINS
                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20004
COMPUTER READABLE FORM:
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ADDRESSEE: Browdy and Neimark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: David WALLACH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                              117 EAPIYELTSQFTGLKCPSLAGKPKVFFIQACQGDNYQKGIPVETDSEEQPYLEMDLSSPQ 176
  187 --- IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADK-LEFMHILTRVNRK 242
                                                                                         133 PVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGI--ETDSG----VDDDMACHK 186
                                                                                                                                                                                                                             81;
                                                                                                                                        57 ITTTFEBIHERIKPHDDCTVEQIYEILKIYQLMDHSNMDCFICCILSHGDKGIIYGTDGQ 116
                                                                                                                                                                                   74 LRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNG- 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-UAN-1998
APPLICATION NUMBER: PCT/US96/10521
FILING DATE: 14-UN-1996
APPLICATION NUMBER: II 114,615
FILING DATE: 16-UI-1995
APPLICATION NUMBER: II 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: II 115,319
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: II 116,588
FILING DATE: 12-DEC-1995
APPLICATION NUMBER: II 116,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTING
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/368,438 FILING DATE: 20-Feb-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (202) 628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Browdy, Roger L
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: IL 1: FILING DATE: 16-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 419 Seventh Street N.W., Ste. 300
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 266 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX:
                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (202)
                                                                                                                                                                                                                                                     23.4%; Score 342.5; DB 12; Length 266; 38.0%; Pred. No. 3.6e-27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              737-3528
                                                                                                                                                                                                                             42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25,618
                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  117,932
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                                                                                                                                                                                                                               73;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OM protein - protein search, using sw model
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Maximum DB seq length: 302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                  Published Applications AA:*

1: /cgn2 6/ptodata/2/pubpaa/USO7 PUBCOMB.pep:*

2: /cgn2 6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*

3: /cgn2 6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*

4: /cgn2 6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*

5: /cgn2 6/ptodata/2/pubpaa/USO7 NEW PUB.pep:*

6: /cgn2 6/ptodata/2/pubpaa/USO8 NEW PUB.pep:*

7: /cgn2 6/ptodata/2/pubpaa/USO8 NEW PUB.pep:*

8: /cgn2 6/ptodata/2/pubpaa/USO8 PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/USO8 PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/USO8 PUBCOMB.pep:*

9: /cgn2 6/ptodata/2/pubpaa/USO8 PUBCOMB.pep:*
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: /cgn2 6/ptodata/2/pubpaa/US09B PUBCOMB.pep: *
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:/cgn2 6/ptodata/2/pubpaa/US09 NEW PUB.pep: *
:/cgn2 6/ptodata/2/pubpaa/US10B PUBCOMB.pep: *
:/cgn2 6/ptodata/2/pubpaa/US10C PUBCOMB.pep: *
:/cgn2 6/ptodata/2/pubpaa/US10C NEW PUB.pep: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result

esult No.	COT	tch	Length	BB	ID	Description
-	778:5		253	15	US-10-198-070-28	Ø
2	$\vdash$	4.	277	9	US-09-895-263-4	4, A
W	719	4.	277	15	US-10-214-932-108	e 108,
4	719	4.	277	15	US-10-207-655-202	D
S	717	4	277	12	US-10-155-567-4	e 4, A
თ	716	4	277	10	-09-954-	e 12,
7	716	4.	277	12	US-09-851-873-98	Sequence 98, A
മ	716	4	277	12	US-10-280-670-5	Sequence 5, Appl:
w	716	4	277	12	US-10-368-438-30	e 30,
10	714.5	44.4	264	14	US-10-103-448-3	Sequence 3, Ap
نسز فسؤ	4.	4	264	14	US-10-108-929-3	Sequence 3, Appli
12	47	φ	293	10	-09-954-697-	ence 21
μ	466	9	293	12	US-09-851-873-99	Sequence 99, App
14	466	29.0	293	12	•	06, 1
15	466	29.0	293	12	US-10-368-438-31	ence 3:

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47	47	2	51	242	242	229	260	260	257	242	242	242	242	81	81	300	52	52	163	167	182	102	266	147	285	290	204	286	293
بر 5	10	15	10	15	10	φ	15	10	9	12	9	ø	φ	r U	10	10	<u>1</u> 5	10	φ	Ø	Φ	15	12	5	10	10	15	ø	15
0-068-564-3	9-989-903-3	0-068-564-	9-989-903-4	0-068-564-	9-989-903-	-764-803A-	0-068-564-	9-989-903	-764-803A-	9-851-873-	-845-028-2	-845-028-	2	)-068-564-3	9-989-903-3	9-954-697-3	)-068-564-4	9-989-903-4	-864-761-4795	864-761-4	809-905-2	)-214-932-1	)-368-438-20	)-214-9	9-954-697-3	9-954-697-3	)-171-077-	862-915-1	US-10-171-077-5
equence 36, App	equence 36, App	ence 4	ence 41, App	ence 5	equence 5	1Ce 4,	ence 2, Appi	ence 2	quence 2, Appli	Sequence 1	quence 2,	equence 9,	nc	equence 35, App	equence 3	equence 36, App	equence 40, App	equence 4	equence 47	quence 48	equence 2,	Sequence 1	equence 20, App	quence 1	equence 3	equence 3	equence 7	quence 1,	Sequence 5

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ORGANISM: Homo sapiens US-10-198-070-28
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                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 125
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 28
                                                                                                                                                                                                   Best Local Similarity Matches 169; Conserv
                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR PELICATION NUMBER: 60/306,150
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/331,477
PRIOR FILING DATE: 2001-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF TITLE OF INVENTION: CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 59003.000008
CURRENT APPLICATION NUMBER: US/10/198,070
CURRENT FILING DATE: 2002-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: AVERBACK, PAUL APPLICANT: GEMMELL, JACK
                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
62 MNFEKLGKCIIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQD 121
                             61 MNFEKLGKCIIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQD 120
                                                                                                                                                                                                                                                                                                                                                                          253
                                                                                                 2 ADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYN 61
                                                                                                                                              1 ADDQGCIEEQGVEDSANEDSVDAKPDRSSFVPSLFSKKKKUVTMRSIKTTRDRVPTYQYN 60
                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                 48.4%; Score 778.5; DB 1 63.1%; Pred. No. 1.7e-73; vative 7; Mismatches 39
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US-09-895-263-4
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                                                                                                                                                                                                          Matches 144; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Jonathan L. Klein
REGISTRATION NUMBER: 41,119
REFERENCE/DOCKET NUMBER: PF140
TELECOMMUNICATION INFORMATION:
TELEPHONE: 301-251-6015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: <Unknown>
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Interleukin-1 Beta Converting Enzyme
Like Apoptosis Protease 3 and 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: He, Wei-Wu et al.
138 CILLSHGEENVIYGKDGVTFIKDLTAHFRGDRCKTLLEKFKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         223 AQEEAPGL----CKPSAPSWRSTEK-TW 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               163 DLGRLQPPPPRLAEGPSLMMASRPTRGPSMTQMLILDTRSQWKLTSSSPIPRFQAITRGG 222
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                                                          56 HKSTGMTSRSGTDVDÄANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                                            78 DKVTGMGVRNGTDKDABALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                                                                       18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
                                                                                                                                   ENSVDSKSIK-NLEPKIIHGSESMDSGISLDNS----YKMDYPEMGLCIIINNKNF 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 20850
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                                                                                                                                                                                                                          44.7%; Score 719; DB 9; Length 277; 50.9%; Pred. No. 3.6e-67;
                                                                                                                                                                                                          49; Mismatches
                                                                                                                                                                                                        78; Indels
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                                                                                                                                                                                                                                         Sequence 202, A Publication No.
                                                          SEQ ID NO 202
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                     TYPE: PRT
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                                       ENGTH: 277
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; ORGANISM: Homo sapiens US-10-214-932-108
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                                                                                                                              APPLICANT: Ledbetter, Jeffrey A.
APPLICANT: Hayden-Ledbetter, Martha S.
APPLICANT: HAYDEN-LOOK BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
FILE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
CURRENT APPLICATION NUMBER: US/10/207,655
CURRENT FILLING DATE: 2002-07-25
NUMBER OF SEQ ID NOS: 426
SOFTWARE: Patentin version 3.0
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CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 133
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APPLICANT: KIM, Dae Heon
APPLICANT: LEE, Yong Jik
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: APB02/US
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   176 SGVDDDMAC---HKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSICAMLKQYADKLEF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         198 SGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  116 CVLLSHGEEGIIFGINGPVDLKKIINFFRGDRCRSLIGKPKLFIIQACRGTELDCGIETD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              258 MOILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   138 CILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKFKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                56 HKSTGMTSRSGTDVDAANLRETFRNÍKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            18 EDSVDAKPDRSSFVPSLFSKKKKKVVTMRSIKTTRDRVPTYQYNMVFEKLGKCIIINNKVF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/10207655
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RESULT 5
US-10-155-567-4
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 277
TYPE: PRT
ORGANISM: homosapiens
Sequence 12, Application US/09954697
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APPLICANT: CHRISTAKOS, Sylvia
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Publication No. US20030219421A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: CALBINDIN-D 28K PROTECTION AGAINST GLUCOCORTICOID INDUCED CELL DE EILE REFERENCE: 267/266
CURRENT APPLICATION NUMBER: US/10/155,567
CURRENT FILING DATE: 2002-05-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 44.6%; Score 717; DB 12; Length 277;
Local Similarity 50.9%; Pred. No. 5.8e-67;
hes 146; Conservative 47; Mismatches 74; Indels 20; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  198 SGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 257
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                                                                                                                                                                  254 DIEIMQILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 300
                                                                                                                                                                                                                                                                194 IQADSGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGK 253
                                                                                                                                                                                                                                                                                                                112 SSÉVCVILSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKFKLFIIQACRGTELDCG 171
                                                                                                                                                                                                                                                                                                                                                                134 ACFACILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDA 193
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                                                                                                                       229 KLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         74 NKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMODLLKKASBEDHTNA 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18 EDSVDAKEDRSSEVESLESKKKKNVTMRSI--KTTRDRVPTYQ--YNMNFEKLGKCIIIN 73
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                                                                                                                                                                                                                       IETDSGVDDDMAC---HKIPVDADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYAD 22
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LENGTH: 277
TYPE: PRT
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Best Local !
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US-09-851-873-98
Sequence 98, Application US/09851873
Publication No. US20030165488A1
GENERAL INFORMATION:
APPLICANT: Kletzien, Rolf F
APPLICANT: Reardon, Ilene M
APPLICANT: Reardon, Ilene M
APPLICANT: Weiland, Katherine L
TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS
FILE REFERENCE: 28341/00233
CURRENT APPLICATION NUMBER: US/09/851,873
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 105
                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens US-09-851-873-98
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TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES
TITLE OF INVENTION: THEREOF
FILE REPERENCE: 480140.431D2
CURRENT APPLICATION NUMBER: US/09/954,697
CURRENT APPLICATION NUMBER: US/09/954,697
CURRENT FILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 116
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 12
LENGTH: 277
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56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                 78 DKYTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
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                                                                                                                                  5 ENSVDSKSIK-NLEPKIIHGSESMDSGISLDNS-----YKMDYPEMGLCIIINNKNF 55
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                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                         44.5%; Score 716; DB 12; Length 277; 50.5%; Pred. No. 7.4e-67;
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RESULT 8
US-10-280-670-5
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US-10-168-438-30
; Sequence 30, Application US/10368438
; Publication No. US20030219411A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 143;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE TITLE OF INVENTION: PROTEASE FILE REFERENCE: 06843-0119-01000 CURRENT APPLICATION NUMBER: US/10/280,670 CURRENT FILING DATE: 2002-10-24 PRIOR APPLICATION NUMBER: 08/724,378 PRIOR FILING DATE: 1996-10-01 NUMBER: 0F SEQ ID NOS: 17
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APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
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                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Davi
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                                               TITLE OF INVENTION:
NUMBER OF SEQUENCES: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                                                                                                                                                                                                                                                                                                                                                                                                               176 ŚGVDDDMAC---HKIPVDADFLYAYSTAPGYYŚWRNSKDGSWFIQSLCAMLKQYADKLEF 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           116 CVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETD 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       138 CILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                                                                                                                                           233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                                                                                                                                                                                                                                                                                                                                                          258 MQILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              198 SGPINDTDANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56 HKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFV 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5 ENSVDSKSIK-NLEPKIIHGSESMDSGISLDNS-----YKMDYPEMGLCIIINNKNF 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MQILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKELYF 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                    Tanya M. GONCHAROV
Yury V. GOLTSEV
                                                                                                                      Mark P. BOLDIN
                                                                                                                                             David WALLACH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           44.5%; Score 716; DB 12; Length 277; 50.5%; Pred. No. 7.4e-67;
                       AND OTHER PROTEINS
                                               MODULATORS OF THE FUNCTION OF FAS RECEPTORS
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  RESULT 10
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Best Local :
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TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                         233 MHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYF 275
                                                                                                                                                                             176 SGVDDDMAC---HKÍÞÝDADFLYÁYSTAÞGYYSWRNSKDGSWFIQSLCAMLKQYADKLEF 232
                                                                                                                                                                                                                       198 SGPINDTDANPRYKIFVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEI 257
                                                                                                                                                                                                                                                                      116 CVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETD
                                                                                                                        258 MQILTRVNDRVARHFESQSDDFHFHEKKQIPCVVSMLTKELYF 300
                                                                                                                                                                                                                                                                                                                      138 CILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLLEKPKLFFIQACRGTELDDAIQAD 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 EDSVDAKPDRSSFVPSLFSKKKKNVTMRSIKTTRDRVPTYQYNMNFEKLGKCIIINNKNF 77
                                                                                                                                                                                                                                                                                                                                                                        56 HKSTGMTSRSGTDVDÁANÍRETFRNÍKYEVRNKNDLTREETVEIMRDVSKEDHSKRSSFV 115
                                                                                                                                                                                                                                                                                                                                                                                                                    78 DKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKMQDLLKKASEEDHTNAACFA 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: IL 114,986
FILING DATE: 17-AUG-1995
APPLICATION NUMBER: IL 115,319
FILING DATE: 14-SEP-1995
APPLICATION NUMBER: IL 116,588
FILING DATE: 27-DEC-1995
APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Browdy, Roger L. REGISTRATION NUMBER: 25, REFERENCE/DOCKET NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/10/368,438 FILING DATE: 20-Feb-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENSVOSKSIK-NLEPKIIHGSESMOSGISLONS-----YKMDYPEMGLCIIINNKNF 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
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APPLICATION NUMBER: IL 114,615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US96/10521
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 277 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             44.5%; Score 716; DB 12; Length 277; 50.5%; Pred. No. 7.4e-67;
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                                                                                                                                                                                                          TITLE OF INVENTION: MEMBRANE DERIVED CASPASE-3, COMPOSITIONS TITLE OF INVENTION: COMPRISING THE SAME AND METHODS OF USE TITLE OF INVENTION: COMPRISING THE SAME AND METHODS OF USE TILE REFERENCE: 480140.468802
CURRENT APPLICATION NUMBER: US/10/108,929
CURRENT FILING DATE: 2002-03-26
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 264
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Krebs, C
APPLICANT: Sriniva
APPLICANT: Fritz,
APPLICANT: Wu, Jos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/10108929 Publication No. US20020197702A1 GENERAL INFORMATION:
                                                  Matches 136;
                                                                      Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/103,448
CURRENT FILLING DATE: 2002-03-20
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Srinivasan, Anu
APPLICANT: Fritz, Lawrence C.
APPLICANT: Wu, Joseph C.
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TYPE: PRT
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TITLE OF INVENTION: MEMBRANE DERIVED CASPASE-3, COMPOSITIONS
TITLE OF INVENTION: COMPRISING THE SAME AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: 480140.468D1
                                                                                                                                                                                           TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           239 WFVQALCSILEEHGKDLEIMQILTRVNDRVARHFESQSDDPHFHEKKQIPCVVSMLTKEL 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        144 LFIIQACRGTELDCGIETDSGVDDDMAC---HKIPVDADFLYAYSTAPGYYSWRNSKDGS 200
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59 YNMNFEKLGKCIIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKM 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24 YKWDYPEMGLCIIINNKNFHKSTGWTSRSGTDVDAANLRETFRNLKYEVRNKWDLTREEI 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     84 VELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPK 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            59 YNMNFEKLGKCIIINNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFDVIVYNDCSCAKM 118
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                                                                                                                                                                                                                                                                                                                                                                                                                       Srinivasan, Anu
Fritz, Lawrence C.
Wu, Joseph C.
                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                               COMPRISING THE SAME AND METHODS OF USE THEREFOR
                                          44.4%; Score 714.5; DB 1
56.2%; Pred. No. 9.9e-67;
ative 41; Mismatches 62
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56.2%; Pred. No. 9.9e-67;
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                                                                                          DB 14; Length 264;
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                                               62;
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                                               Indels
                                             3; Gaps
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GENERAL INFORMATION:

GENERAL INFORMATION: Emad S.

APPLICANT: Alnemri, Emad S.

TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 480140.431D2

CURRENT FILING DATE: 2001-09-14

NUMBER OF SEQ ID NOS: 116

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 21

LENGTH: 293

TYPE: PRT

ORGANISM: Homo sapien
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US-09-954-697-21
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                                                                                                          Sequence 99, Application US/09851873 Publication No. US20030165488A1 GENERAL INFORMATION:
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Best Local Similarity
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TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS
                            APPLICANT: Reardon, Ilene M
APPLICANT: Weiland, Katherine L
                                                                                   APPLICANT: Kletzien, Rolf F
                                                                                                                                                                                                                                                                                                        273 KOVPCFASMLTKKLHF
                                                                                                                                                                                                                                                                                                                                                285 KQIPCVVSMLTKELYF 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   144 LFIIQACRGTELDCGIETDSGVDDDMAC---HKIPVDADFLYAYSTAPGYYSWRNSKDGS 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                98;
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                                                                                                                                                                                                                                                                                                        288
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                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.1 SEQ ID NO 6
                                                                                                                                                                                                                                                   Matches 97;
                                                                                                                                                                                                                                                                                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: JUAN, SHAO-CHIEH
APPLICANT: FLETCHER, FREDERICK A.
APPLICANT: PATTERSON, SCOTT D.
TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
TITLE OF INVENTION: PROTEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 06843-0019-01000 CURRENT APPLICATION NUMBER: US/10/280,670 CURRENT FILING DATE: 2002-10-24 PRIOR APPLICATION NUMBER: 08/724,378 PRIOR FILING DATE: 1996-10-01 NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 28341/00233
CURRENT APPLICATION NUMBER: US/09/851,873
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 105
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ORGANISM: Homo sapiens
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les 97; Conserv
175 EKPKLFFIQACRGTE-----LDDAIQADSGPINDTDANPRYKIPVEADFLFAYST 224
                                                                                              115 CARMODILKKASEEDHTNAACFACILLSHGEENVIYGKDGVTPIKDLTAHFRGDRCKTLL 174
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                                              93 ABELLIKIHEVSTVSHADADCTVCVFLSHGEGNHİYAYDAKIEIQTLTGLFKGDKCHSLV 152
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                                                                                                                                                                                                                                      29.0%; Score 466; DB 12; Length 293; 37.9%; Pred. No. 1.8e-40; ative 42; Mismatches 107; Indels 1.
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US-10-368-438-31
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US-10-368-438-31
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Query Match
Best Local Similarity
Matches 97; Conserv
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                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 31:
                                                                                                                       MOLECULE TYPE: protein SEQ ID NO: 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/10/368,438
FILING DATE: 20-Feb-2003
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/983,502
FILING DATE: 16-DAN-1998
APPLICATION UNUMBER: PCT/US96/10521
FILING DATE: 14-JUN-1996
                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 293 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   YUTY V. GOLTSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: David WALLACH
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                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                      NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WAN
                                                                                                                                                                       STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                     TELEFAX: (202) 628-5197
TELEFAX: (202) 737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 27-DEC-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 17-AUG-1995
APPLICATION NUMBER: IL 115,319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
APPLICATION NUMBER: IL 114,986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 14-SEP-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 419 Seventh Street N.W., Ste. 300 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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Yury W
         29.0%; Score 466; DB 12; 37.9%; Pred. No. 1.8e-40; ative 42; Mismatches 107.
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Conservative

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Search completed: December 30, 2003, 06:45:02 Job time: 33 secs

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Result
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Maximum DB seq length: 276
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Maximum Match 100%
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                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
229.5
217
217
217
205.5
204.5
191
                                                                             274
273.5
250
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239
239
                                                                                                                                                 Match Length
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US-09-187-789-2

US-09-187-789-5

US-09-187-789-3

US-09-187-789-34

US-09-187-789-27

US-09-139-600-22

US-09-187-789-3

US-09-139-600-22

US-09-187-789-3

US-09-187-789-3

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US-09-375-256-7

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US-08-983-502-20

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US-08-852-936C-4
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US-09-146-331-7
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US-09-069-138-11
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                                                                                                                                                                                                                                                                                                                        Description
      Sequence
                            Sequence 28, Appl
Sequence 22, Appl
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Sequence
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equence 11,	quenc	equence 11,	quence 11,	equence 40,	quence 25,	equence 33,	equence 38,	equence 24,	equence 29,	equence 36,	equence 41,	equence 21,	епсе 35,	equence 40,	equence 8,	equence 23,	equence 28,

ALIGNMENTS

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US-08-964-308-11
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   Matches
                   Query Match
Best Local :
                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acids
                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASTSEQ for Windows Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,308
FILING DATE: 04-NOV-1996
CLASSIFICATION: 530
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: DESMARAIS, SYLVIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: NEW LIGANDS FOR PHOSPHATASE TITLE OF INVENTION: BINDING ASSAY NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS: ADDRESSE: ROBERT J. NORTH - MERCK & CO., INC STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 20
                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION
TELEPHONE: 732-594-7262
                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: NORTH, ROBERT J
REGISTRATION NUMBER: 27,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Diskette
COMPUTER: IBM PC Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: FRIESEN, RICHARD APPLICANT: ZAMBONI, ROBERT
                                                                                                           TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: US
ZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: RAHWAY
                                                                                                                                                                                                                                        TELEFAX:
146;
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                   52.2%;
99.3%;
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0; Mismatches
                 Score 761; DB 3;
Pred. No. 2.7e-80;
                                                                                                                                                                                                                                                                                              19840 PCT
                                   Length 148;
Indels
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28 SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 87

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Gaps

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; MOLECULE TYPE: peptide US-08-964-313-11
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                                                                                                                  Matches 146;
                                                                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: DESMAR
APPLICANT: FRIESE:
                                                                                                                                                                                                                                                                                                                                                                                NAME: DURETTE, PHILIPPE L.
REGISTRATION NUMBER: 35,125
REFERENCE/DOCKET NUMBER: 19
TELECONMUNICATION INFORMATION:
TELEPHONE: 732-594-4568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 03 -NOV-199
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,408
FILING DATE: 04 NOV-1996
APPLICATION NUMBER: PCT/CA97/00825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO., II
ADDRESSEE: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: PHOSPHATASE BINDING ASSAY NUMBER OF SEQUENCES: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                    Local Similarity
                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/964,313 FILING DATE: 04-NOV-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: UZIP: 07065
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88 NDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 147
                                                                    28 SGISLDNSYKMDYPENGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           62 NDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 121
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                                                                                                                                                                                                                                                                     amino acid
                                    SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RSLTGKPKLFIIQASRGTELDCGIETD 148
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                                                                                                                                                                                                                                                                                     148 amino acids
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GRESSER, MICHAEL
KENNEDY, BRIAN
                                                                                                                    Conservative
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RAMACHANDRAN, CHIDAMBARAN
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                                                                                                                0; Mismatches
                                                                                                                              Score 761; DB 3;
Pred. No. 2.7e-80;
                                                                                                              1; Indels
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US-09-069-138-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy Diskette
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,138
FILING DATE: 29-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 11, Application US/09069138 Patent No. 6348572
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 148 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: PHILIPPE L. DURETTE - MERCK & CO., IN
ADDRESSEE: 126 BAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ZAMBONI, ROBERT TITLE OF INVENTION: NEW LI
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CITY: F
                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: DURETTE, PHILIPPE REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U
ZIP: 07065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX:
                                                                                                                                                                                                                                                                             Local Similarity
                              122 RSLTGKPKLFIIQASRGTELDCGIETD 148
                                                                  148 RSLTGKPKLFIIOACRGTELDCGIETD 174
                                                                                                                                                                                                                                                             146;
                                                                                                                                                                                                             28 SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETERNLKYEVRNK 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     122 RSLTGKPKLFIIQASRGTELDCGIETD 148
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                                                                                                        62 NDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 121
                                                                                                                                      88 NDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRC 147
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                                                                                                                                                                               2 SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNK 61
                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DUFRESNE, CLAUDE
FRIESEN, RICHARD
LEBLANC, YVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DESMARAIS, SYLVIE
DUFRESNE, CLAUDE
                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                          single
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IG, ROBERT N.
                                                                                                                                                                                                                                                                             99.3%;
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Pred. No. 2.7e-80;
0; Mismatches 1
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RESULT 5
US-09-146-331-7
) Sequence 7, Application US/09146331
, Patent No. 5958720
, GENERAL INFORMATION:
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US-08-446-925-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Litwack, Gerald APPLICANT: Alnemni, Emad S. APPLICANT: Pernandez-Alnemri, TITLE OF INVENTION: MCh., AN TITLE OF INVENTION: PROTEASE, TITLE OF INVENTION: MRTHODS OF USING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Litwack, Gerald
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: DeLuca, Mark
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : Edal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz
ADDRESSEE: No. 5672500ris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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                                                                                                                                                        194 TKKLHFF 200
                                                                                                                                                                                                                                                              209 KDGSWFIQSICAMIKQYADKIEFMHILTRYNRKVATEFESFSFDATFHAKKQIPCIVSML 268
                                                                                                                                                                                           269 TKELYFY 275
                                                                                                                                                                                                                                                                                                                                                                                                                      102 VSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQA 161
                                                                                                                                                                                                                               134 VNGSWYIODLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVÞCFASML 193
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 82;
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                                                                                                                                                                                                                                                                                                                                           CRGTELDCGI-----ETDSGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNS 208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           28.7%; Score 418.5; DB 1; 43.9%; Pred. No. 2.6e-40; ative 29; Mismatches 63;
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OF USING THE SAME
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 204;
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Sequence 7, Application US/08896885; Patent No. 5985640; GENERAL INFORMATION:
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US-08-896-885-7
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                                                               APPLICANT:
APPLICANT:
APPLICANT:
  APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
TITLE OF INVENTION: PROTERASE, AND COMPOSITIONS FO
TITLE OF INVENTION: METHODS OF USING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: protein
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LENGTH: 204 amino acids
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
TITLE OF INVENTION: PROTEASE, AND COMPOSITIONS FOR MAKING AND
TITLE OF INVENTION: METHODS OF USING THE SAME
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Alnemri, Emad S. APPLICANT: Fernandez-Alnemr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: DeLuca, Mark
REGISTRATION NUMBER: 33
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WordPerfect 5.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: One Liberty CITY: Philadelphia
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STREET: One Liberty Place, 46th floor
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                                                                                                                                                                                                                                                                              194 TKKLHFF 200
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                                                                                                                                                                                                                                                                                                                                                                                                       209 KDGSWFIQSLCAMLKQYADKLEFWHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 268
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                                                                                    Alnemri, Emad S.
                                                                                                      Litwack, Gerald
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     28.7%; Score 418.5; DB 2
43.9%; Pred. No. 2.6e-40;
active 29; Mismatches 63
METHODS OF USING THE SAME
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STREET: One Liberty CITY: Philadelphia

PA USA

ZIP:

19103

COUNTRY:

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; MOLECULE TYPE: protein US-08-896-885-7
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PATCHT NO. 6359127
GENERAL INFORMATION:
APPLICANT: Litwack, Gerald
Alnemri, Emad S.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 204 amino acids
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSEE: No. 5985640ris
STREET: One Liberty Place, 46th floor
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APPLICATION NUMBER: 08/446,925
FILING DATE: 18-MAY-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 Match 28.7%; Score 418.5; DB 2; Length 204; Local Similarity 43.9%; Pred. No. 2.6e-40; local Similarity 29; Mismatches 63; Indels 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                            TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
                                                                          NUMBER OF SEQUENCES:
                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134 VNGSWYIQDLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVPCFASML 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          209 KDGSWFIQSLCAMLKQYADKLEFWHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            74 CRGNOHDVPVIPLDVVDNQTEKLDTNITEVDAASVYTLPAGADFLMCYSVAEGYYSHRET 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14 VSTVSHADADCFVCVFLSHGEGNHIYAYDAKIBIQTLTGLFKGDKCHSLVGKPKIFIIQA 73
    Woodcock, Washburn, Kurtz, Mackiewicz
No. 6359127ris
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                                                                                                                    AND COMPOSITIONS FOR MAKING AND
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                                                                                                                                                                                                                                                                                                                                              Sequence 7,
Patent No. 6
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                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                      NUMBER OF SEQUENCES: 1
                                                                                                                                                                                  TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                        APPLICANT:
                 ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & ADDRESSEE: No. 6407215rig
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 204 amino acids
TYPE: amino acid
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/446,925
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1508
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APPLICATION NUMBER: US/09/375,256
FILING DATE: 16-Aug-1999
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         194 TKKLHFF 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          209 KDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            74 CRGNQHDVPVIPLDVVDNQTEKLDTNITEVDAASVYTLPAGADFLMCYSVAEGYYSHRET 133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 82; Conservative
                                                                                                                                                                                                                                                                                                                                                 ', Application US/09376156 6407215
Philadelphia
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TELEFAX: (215) 568-3439
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                                                                                                                                                                                                                                                                           Litwack, Gerald
Alnemri, Emad S.
                                                                                                                                                                                                        Fernandez-Alnemri, Teresa
VENTION: Mch2, AN APOPTOTIC CYSTEINE
VENTION: PROTEASE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      43.9%; Pred ....
43.9%; Pred ....
Hive 29; Mismatches
                                                                                                                         METHODS
OF USING THE SAME
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                                                                                                                                                                                     AND COMPOSITIONS FOR MAKING AND
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Pred. No. 2.6e-40;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               63;
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В Š B Ş

Matches Query Match Best Local :

TYPE: amino acid TOPOLOGY: linear

REGISTRATION NUMBER:

DeLuca, Mark

US-09-375-256-7

ADDRESSEE:

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy

COUNTRY:

USA

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US-08-983-502-20
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                                                                                                                                                                                                                                                                    Patent No. 6399327
GENERAL INFORMATION:
APPLICANT: David |
APPLICANT: Mark P
                                                                                                                                                                                                                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 204 amino acids
                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS TITLE OF INVENTION: AND OTHER PROTEINS NUMBER OF SEQUENCES: 34 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: protein
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                                                                                                    STREET: 419 Sever CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 204 amino acids
TYPE: amino acid
TOPOLOGY: linear
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                                                                         COUNTRY:
                                                                                                                                                ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   relephone:
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                                                                                                                                                                                                                                                                                                                   20,
6399.
                                                                                                                                                                                                                                                                                                                                                                                                                                          194 TKKLHFF 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            134 VNGSWYIQDLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVPCFASML 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           209 KDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             269 TKELYFY 275
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  162 CRGTELDCGI------ETDSGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNS 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  74 CRGNQHDVPVIPLDVVDNQTEKLDTNITEVDAASVYTLPAGADFIMCYSVAEGYYSHRET 133
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                                                         20004
                                                                                            D.C.
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                                                                                                                         419 Seventh Street N.W., Ste. 300
                                                                         USA
                                                                                                                                                                                                                                     Tanya M. GONCHAROV
Yury V. GOLTSEV
                                                                                                                                                                                                                                                                      Mark P. BOLDIN
                                                                                                                                                                                                                                                                                          David WALLACH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
IBM PC compatible
                                                                                                                                                Browdy and Neimark
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US-09-516-747-20
Sequence 20, Application US/09516747
Patent No. 6586571
GENERAL INFORMATION:
APPLICANT: David WALLACH
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 266 amino acid
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: IL 115,319
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: IL 114,615 FILING DATE: 16-JUL-1995
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SOFTWARE: PatentIn Release #1.0, Version #1.30
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NUMBER OF SEQUENCES: 34 CORRESPONDENCE ADDRESS:
                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                              242 VATEFESFSFDATFHAKKQIPCIVSMLTKELYF 274
                                                                                                                                                                                                                                                                                                                                                                                                      186 --- IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADK-LEFMHILTRVNRK 241
                                                                                                                                                                                                                                                                                         237 VSNK-----DDKKNMGKOMPOPTFTLRKKLVF 263
                                                                                                                                                                                                                                                                                                                                                                                                                                             117 EAPIYELTSOFTGLKCPSLAGKPKVFFIQACQGDNYQKGIPVETDSEEQPYLEMDLSSPQ 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                132 PVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGI--ETDSG----VDDDMACHK 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       57 LTTTFEELHFEIKPHDDCTVEQIYEILKIYQLMDHSNMDCFICCILSHGDKGIIYGTDGQ 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             73 LRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGING- 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        81;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          266 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                         Tanya M. GONCHAROV
YURY V. GOLTSEV
YURY T. GOLTLEFUNCTION OF FAS RECEPTORS
                                                                                                                     Mark P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      202) 628-5197
2) 737-3528
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23.5%; Score 342.5; DB 4
38.0%; Pred. No. 2.7e-31;
                                                                                                                     BOLDIN
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                                       AND OTHER PROTEINS
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PCT-US96-10521-20; Sequence 20, Application PC/TUS9610521; GENERAL_INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
                    TITLE OF INVENTION:
      NUMBER OF SEQUENCES:
                                                                   APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/516,747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 628-5197
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                                                                                                                                                                                                                                                          242 VATEFESFSFDATFHAKKQIPCIVSMLTKELYF 274
                                                                                                                                                                                                                                                                                                                                         186 --- IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADK-LEFMHILTRVNRK 241
                                                                                                                                                                                                                                                                                                                                                                               117 EAPIYELTSQFTGLKCPSLAGKPKVFFIQACQGDNYQKGIPVETDSEEQPYLEMDLSSPQ 176
                                                                                                                                                                                                                 237 VSNK-----DDKKNMGKOMPQPTFTLRKKLVF 263
                                                                                                                                                                                                                                                                                                                                                                                                                          132 PVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGI--ETDSG----VDDDMACHK 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   57 LTTTFEELHFEIKPHDDCTVEQIYEILKIYQLMDHSNMDCFICCILSHGDKGIIYGTDGQ 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73 LRETFRNLKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNG- 131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
                                                                                                                                                                                                                                                                                                TRYIPDEADFLIGMATVNNCVSYRNPAEGTWYIQSICQSIRERCPRGDDILTILIEVNYE 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALLACH=19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 266 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: IL 117,932
FILING DATE: 16-APR-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 14-SEP-1995
APPLICATION NUMBER: IL 116,588
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: IL 114,986 FILING DATE: 17-AUG-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: <Unknown>
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: IL 115,319
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20004
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           38.0%;
    MODULATORS OF THE FUNCTION OF FAS RECEPTORS AND OTHER PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    t; Score 342.5; DB 4;
t; Pred. No. 2.7e-31;
42; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 266;
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US-08-852-936C-4
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GENERAL INFORMATION:
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APPLICATION NUMBER: II
FILING DATE: 16-APR-1:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                           APPLICANT: DIXIT, VISHVA M.
APPLICANT: HE, WEI-WU
APPLICANT: KIKLY, KISTINE K.
APPLICANT: RUBEN, STEVEN M.
TITLE OF INVENTION: INTERLEUKIN-1 BETA CONVERTING
TITLE OF INVENTION: ENZYME LIKE APOPTOTIC PROTEASE-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: li
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APPLICATION NUMBER:
                                                                                                                         NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 14-SEP-:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO) CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                        STREET: F.U.
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COUNTRY: UZIP: 19482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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                                                                                                     ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                              237 VSNK-----DDKKNMGKQMPQPTFTLRKKLVF 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       242 VATEFESFSFDATFHAKKQIPCIVSMLTKELYF 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                177 TRYIPDEADFILGMATVNNCVSYRNPAEGTWYIQSLCQSLRERCERGDDILTILTEVNYE 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        186 ---IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADK-LEFWHILTRVNRK 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 117 EAPIYELTSOFTGLKCPSLAGKPKVFFIOACOGDNYOKGIPVETDSEEOPYLEMDLSSPO 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          132 PVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGI--ETDSG----VDDDMACHK 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    57 LTTTFEELHFEIKPHDDCTVEQIYEILKIYQLMDHSNMDCFICCILSHGDKGIIYGTDGQ 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             73 LRETTERNLKYEVRNKNDLTREBIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNG- 131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 81;
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      PAUSA
                                                                              P.O. Box 980
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                                                                                                       Ratner & Prestia
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14-SEP-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23.5%; Score 342.5; DB 5; 38.0%; Pred. No. 2.7e-31; ative 42; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IL 117,932
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RESULT 11

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Matches Query Match

Local

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RESULT 13
US-09-300-328-4
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                    GENERAL INFORMATION:
APPLICANT: DIXIT, VISHVA M.
APPLICANT: HE, WEI-WU
APPLICANT: KIKLY, KRISTINE K.
APPLICANT: RUBEN, STEVEN M.
TITLE OF INVENTION: INTERLEUKIN-1 BETA CONVERTING
TITLE OF INVENTION: ENZYME LIKE APOPTOTIC PROTEASE-6
NUMBER OF SEQUENCES: 11
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                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: 95
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-07-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/852,936C
FILING DATE: 08-MAY-1997
CLASSIFICATION: 514
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 60/018
FILING DATE: 05-UW-1996
APPLICATION NUMBER: 60/020
FILING DATE: 23-MAY-1996
APPLICATION NUMBER: 60/017
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           STATE: P
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                                                                     STREET:
                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                    181 SVK-----GIYKOMPGCFNFLRKKLFF 202
                                                                                                                                                                                                                                                                                                                                                                                                                        243 ATEFESFSFDATFHAKKQIPCIVSMLTKELYF 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 ISSLPTPSDIFVSYSTFPGFVSWRDPKSGSWYVETLDDIFEQWAHSEDLQSLLLRVANAV 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             183 CHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKV 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      147 CRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDM------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                61 CPSLGGKPKLFFIQACGGEQKDHGFEVASTSPEDESPGSNPEPDATPFQEGLRTFDQLDA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95 IVELMRDVSKEDHSKRSSFVCVLLSHGEE-----GIIFGING-PVDLKKITNFFRGDR 146
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19482
                                                 Valley Forge
   PA
USA
                                                                     E: Ratner & Prestia
P.O. Box 980
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IMBER: 60/020,344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20.4%; Score 298; DB 3; Length 203; 32.1%; Pred. No. 2.5e-26; ative 36; Mismatches 66; Indels
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GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: CASPASE-14, AN APOTOTIC
TITLE OF INVENTION: AND METHODS OF USE
FILE REFERENCE: 480140.434C1
CURRENT APPLICATION UMBER: US/09/187,789
CURRENT FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 78
                                                                                                                                                                                                                                                                                                                                                RESULT 14
US-09-187-789-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: protein US-09-300-328-4
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 260
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Best Local Similarity
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APPLICATION NUMBER: US/08/852,93
FILING DATE: 08-MAY-1997
APPLICATION NUMBER: 60/018,961
FILING DATE: 05-UN-1996
APPLICATION NUMBER: 60/020,344
FILING DATE: 23-MAY-1996
APPLICATION NUMBER: 60/017,949
FILING DATE: 20-MAY-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 203 amino acids
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REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: PSI
TELECOMMUNICATION INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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TOPOLOGY: li
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 SVK------GIYKOMPGCFNFLRKKLFF 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              121 ISSLPTPSDIFVSYSTFPGFVSWRDPKSGSWYVETLDDIFEQWAHSEDLQSLLLRVANAV 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              147 CRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDM-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 243 ATEFESFSFDATFHAKKQIPCIVSMLTKELYF 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                183 CHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKV 242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 CPSIGGKPKLFFIQACGGEQKDHGFEVASTSPEDESPGSNPEPDATPFQEGLRTFDQLDA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95 IVELMRDVSKEDHSKRSSFVCVLLSHGEE-----GIIFGTNG-PVDLKKITNFFRGDR 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MVLALLELARODHGALDCCVVVILSHGCQASHLQFPGAVYGTDGCPVSVEKIVNIFNGTS 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20.4%; Score 298; DB 3; Length 203; 32.1%; Pred. No. 2.5e-26;
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                                                                                                                                                                                                  APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
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Sequence 2, Application US/09139600

Patent No. 6432628

GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: CASPASE-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
TITLE OF INVENTION: AND METHOD OF USE
FILE REFERENCE: 480140.434
CURRENT FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 260
TYPE: PRT
ORGANISM: Mus musculus
US-09-139-600-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 18.8%; Score 274; DB 4; Length 260; Best Local Similarity 31.5%; Pred. No. 2.3e-23; Matches 86; Conservative 41; Mismatches 104; Indels 42; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18.8%; Score 274; DB 4; Length 260; Local Similarity 31.5%; Pred. No. 2.3e-23; nes 86; Conservative 41. Mismarth.
235 EVMQEGK-----PRKVNPEVQSTLRKKLY 258
                                                       241 KVATEFESFSFDATFHAKKQIPCIVSMLTKELY 273
                                                                                                                  175 QSIPTYTDTLHIYSTVEGYLSYRHDEKGSGFIQTLTDVFIHKKGSILELTEEITRLMANT 234
                                                                                                                                                                         186 --IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLC-AMLKQYADKLEFMHILTRV--NR 240
                                                                                                                                                                                                                                 115 LFEVLNNKNCKALRGKFKVYIIQACRGEHRDPGEELRGNEELGGDEELGGDEVAVLKNNP 174
                                                                                                                                                                                                                                                                                           138 ITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIE----TDSGVD-----DDMACHK--- 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            235 EVMQEGK-----PRKVNPEVQSTLRKKLY 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       241 KVATEFESFSFDATFHAKKQIPCIVSMLTKELY 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  175 QSIPTYTDTLHIYSTVEGYLSYRHDEKGSGFIQTLTDVFIHKKGSILELTEEITRLMANT 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   186 -- IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLC-AMLKQYADKLEFWHILTRV--NR 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 115 LFEVLNNKNCKALRGKPKVYIIQACRGEHRDPGEELRGNEELGGDEELGGDEVAVLKNNP 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        138 ITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIE----TDSGVD-----DDMACHK--- 185
                                                                                                                                                                                                                                                                                                                                            56 ESTMKRDPTAQQFLEELDEFQQTIDNWEEPVSCAFV-VLMAHGEEGLLKGEDEKMVRLED 114
                                                                                                                                                                                                                                                                                                                                                                                                          83 EVRNKNDLTR----EEIVELMRDVSKEDHSKRS9FYCYLLSHGEEGIIFGTNGP-VDLKK 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      23 SESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKY 82
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 SEMSDPOPLOEERYDMSGARLALTLCVTK------AREGSEVDMEALERMFRYLKF 55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 SEMSDPQPLQEERYDMSGARLALTLCVTK-----AREGSEVDMEALERMFRYLKF 55
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Search completed: December 29, 2003, 16:45:29 Job time: 24 secs

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Result
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Maximum DB
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   771

418.51

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1 ENTENSVDSKSIKNLEPKII.....AKKQIPCIVSMLTKELYFYH 276
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Listing first 45 summaries
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Copyright (c) 1993 - 2003 Compugen Ltd.
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/cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
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/cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
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 12 US-09-851-873-105

9 US-09-764-803A-2

10 US-09-989-903-2

15 US-10-068-564-2
                                                        5 US-10-214-932-110
5 US-10-214-932-112
5 US-10-171-077-12
5 US-10-18-438-20
US-10-368-438-20
US-09-864-761-48728
US-09-864-8038-24
US-09-845-028-2
US-09-845-028-2
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US-10-108-929-3
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Sequence 24, Appli
Sequence 2, Appli
Sequence 9, Appli
Sequence 105, App
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
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Sequence 3, Appli
Sequence 2, Appli
Sequence 110, App
Sequence 112, App
                                                                                                                                                                                                                                               Description
                                                                                                          Sequence 20, Ap
Sequence 48728,
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Appli
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## ALIGNMENTS

Sequence 3, Application US/10103448; Publication No. US20020155579A1; GENERAL INFORMATION:

SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 3

LENGTH: 264

APPLICANT: Krebs, Joseph F.
APPLICANT: Srinivasan, Anu
APPLICANT: Fritz, Lawrence C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: Wi, Joseph C.
APPLICANT: WINDERLSING THE SAME AND METHODS OF USE THEREFOR FILLE REFERENCE: 480140.468D1
CUCRENT FILLOGATE: 2002-03-20
NUMBER OF SEQ ID NOS: 7
NUMBER OF SEQ ID NOS: 7

RESULT 1 US-10-103-448-3

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                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                           Local Similarity
                       133 VDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDMACHKIPVEADF 192
121 VDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDMACHKIPVDADF
                                                                                                 61 LRETFRNIKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGP
                                                                                                                            73 LRETFRNIKYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVILISHGEEGIIFGTNGP 132
                                                                                                                                                                                                                                              13 KNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAAN
                                                                                                                                                                                                 1 KNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAAN
                                                                                                                                                                                                                                                                                             95.8%; Score 1397; DB 14; Length 264; 99.6%; Pred. No. 6e-137; ative 1; Mismatches 0; Indels 0
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В Ş В

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CURRENT APPLICATION NUMBER: US/10/108,929
CURRENT FILING DATE: 2002-03-26
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
SEQ ID NO 3
LENGTH: 264
TYPE: PRT
ORGANISM: Homo sapien
US-10-108-929-3
       APPLICANT: Huang, Yuanhui
APPLICANT: Sun, Yi
APPLICANT: Sun, Yi
APPLICANT: Wang, Kevin Ka-Wang
TITLE OF INVENTION: CASPASE-3S SPLICING VARIANT
FILE REFERENCE: U.S. Application A0000224
CURRENT APPLICATION NUMBER: US/09/809,905
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/204,468
PRIOR APPLICATION NUMBER: 60/204,468
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-809-905-2
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US-10-108-929-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09809905
Patent No. US20020001806A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches 263;
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Publication No. US20020197702A1
GENERAL INFORMATION:
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APPLICANT: Srinivasan, Anu
APPLICANT: Fritz, Lawrence C.
APPLICANT: Wu, Joseph C.
TITLE OF INVENTION: MEMBRANE DERIVED CASPASE-3, COMPOSITIONS
TITLE OF INVENTION: COMPRISING THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF USE OF THE SAME AND METHODS OF THE SAME AND METHODS OF THE SAME AND METHODS OF THE SAME AND METHODS OF THE SAME AND METHODS OF THE SAME AND METHOR
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US-10-214-932-112
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                                                                                                                                                                                                                                                                                                                               Sequence 112, Application US/10214932
Publication No. US20030100707A1
GENERAL INFORMATION:
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SEQ ID NO 110
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SOFTWARE: PatentIn version 3.1
                                      FILE REFERENCE: APB02/US
CURRENT APPLICATION NUMBER: US/10/214,932
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 133
                                                                                                                                                                                                                       APPLICANT: HWANG, APPLICANT: KIM, I APPLICANT: LEE, 1
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                                                                                                                                                                                APPLICANT: KIM, Dae Heon
APPLICANT: LEE, Yong Jik
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
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CURRENT FILING DATE: 2002-08-08
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APPLICANT: LEE, Yong Jik
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
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TYPE: PRT
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100.0%;
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                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 102;
                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 7: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Litwack, Gerald Alnemri, Emad S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Mch2, AN APOPTOTIC CYSTEINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
102 VSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCRSLTGKPKLFIIQA 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  175 SGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHI 234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        235 LTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 276
                                             82; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 LTRVNRKVATEFESFSFDATFHAKKQIPCIVSMLTKELYFYH 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 SGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHI 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              102
                                                                                                                                                                                                         LENGTH: 204 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                         TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                        NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/446,925 FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/10/171,077 FILING DATE: 12-Jun-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS OPERATE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One Liberty Place, 46th floor CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. US20030022353Alris
                                                                                                                                                                      TOPOLOGY: linear
ULE TYPE: protei
                                                                                                                                                                                                                                                                                         TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: TJU-1508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: PA
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                                                               28.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AND COMPOSITIONS FOR MAKING AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PROTEASE
                                           29;
                                                             Score 418.5; DB 15;
Pred. No. 2.8e-35;
                                           Mismatches
                                       63; Indels 13; Gaps
                                                                                Length 204;
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RESULT 7
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                                                                                                                                        INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
                      STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/10/368,438 FILING DATE: 20-Feb-2003 FRIOR APPLICATION DATA:
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street N.
                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tanya M. GONCHAROV
YURY V. GOLTSEV
TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: David WALLACH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      194 TKKLHFF 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   269 TKELYFY 275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  134 VNGSWYIQDLCEMLGKYGSSLEFTELLTLVNRKVSQRRVDFCKDPSAIGKKQVPCFASML 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        162 CRGTELDCGI-----ETDSGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNS 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            209 KDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSML 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14 VSTVSHADADCFVCVFLSHGEGNHIYAYDAKIBIQTLTGLFKGDKCHSLVGKPKIFIIQA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           74 CRGNQHDVPVIPLDVVDNQTEKLDTNITEVDAASVYTLPAGADFLMCYSVAEGYYSHRET 133
                                                                                                                                                                                                                                                     NAME: Browdy, Roger L.
REGISTRATION NUMBER: 25,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US96/10521
FILING DATE: 14-JUN-1996
APPLICATION NUMBER: IL 114,615
FILING DATE: 16-JUL-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: IL 114,986 FILING DATE: 17-AUG-1995
                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: IL 117,932 FILING DATE: 16-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 14-SEP-1995
APPLICATION NUMBER: IL 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: IL 115,319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/983,502 FILING DATE: 16-JAN-1998
                                                                                                                 LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 27-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Washington
                                                                                                                                                                                         TELEFAX: (202)
                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mark P.
                                                                                                                 266 amino acids
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                                                                                                                                                                                                             (202)
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                                                                                                                                                                                         737-3528
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                                                                                                                                                                                                             628-5197
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US-10-368-438-20

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RESULT 8
US-09-864-761-48728
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
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                                                                                                  FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/234,687
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04
                    APPLICATION NUMBER: US 09/608,408 FILING DATE: 2000-06-30 APPLICATION NUMBER: US 09/774,203
                                                                                       FILING DATE:
                                                                                                                                               APPLICATION NUMBER: PCT/US01/00670
                                                                                                                                                                                                                                  FILING DATE: APPLICATION
                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                       APPLICATION
                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US01/00669
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 60/236,359 FILING DATE: 2000-09-27
FILING DATE: 2001-01-29
                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00661
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   177 TRYIPDEADFLIGMATVNNCVSYRNPAEGTWYIQSLCQSLRERCPRGDDILTILTEVNYE 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             186 --- IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADK-LEFMHILTRVNRK 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     117 EAPIYELTSQFTGLKCPSLAGKPKVFFTQACQGDNYQKGIPVETDSEEQPYLEMDLSSPQ 176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              132 PVDLKKITNFFRGDRCRSLTGKPKLFIIQACRGTELDCGI--ETDSG----VDDDMACHK 185
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                                                                                                                                                                                                                                    NUMBER:
                                                                                                                                                                                                                                                                                                                       NUMBER:
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1, David K.
                                                                                       2000-09-21
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RESULT 9
US-09-764-803A-24
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                                                                                                                                                                                                                                                                                  Matches
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APPLICANT: Declercq, Wim
APPLICANT: Vandenabeele, Pet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: PCT/EP99/04939
PRIOR TILING DATE: 1999-07-12
PRIOR APPLICATION NUMBER: EP 98202422.6
PRIOR FILING DATE: 1999-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/764,803A CURRENT FILING DATE: 2001-01-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NEW CASPASE HOMOLOGUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: predicted (genscan progra OTHER INFORMATION: uman caspase-1
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OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
OTHER INFORMATION: EST HOWAN HIT: BB271526.1, EVALUE 2.00e-98
OTHER INFORMATION: SWISSPROT HIT: Q14790, EVALUE 2.00e-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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145 DRCRSLTGKPKLFIIQACRGTELDCGIETDSGVDDDMAC----HKIPVEADFLYAYSTAP 200
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                                                                            57 TAEQFQEELEKFQQAIDSREDPVSCAFVVLMAHGREGFLKGEDG--EMVKLENLFEALNN 114
                                                                                                                                                                                                                                31 SLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLKYEVRNKNDL 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 62 EAPIYELTSQFTGLKCPSLAGKPKVFFIQACQGDNYQKGIPVETDSEEQPYLEMDLSSPQ 121
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                                                                                                                                                                                                                                                                                80;
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                                                                                                                                                                                7 NITEKYDMSGARLALILCVTK------
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                                                                                                                              TREEIVELMRDVSKEDHSKRSSFVC---VLLSHGEEGIIFGTNGPVDLKKITNFF---RG 144
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Pred. No. 3.4
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Pred. No. 9.8e-25;
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                                                                                                                                                                                                                                                                                                       3.4e-20;
                                                                                                                                                                                -AREGSEEDLDALEHMFRQLRFESTMKRDP 56
                                                                                                                                                                                                                                                                                                                               DB 9;
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US-09-845-028-9
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                                                 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/09845028 Patent No. US20020081705A1
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Patent No. US20020081705A1
GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 2
                                                                                                                        CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/199,962
PRIOR FILING DATE: 2000-04-27
                                                                                                                                                                 APPLICANT: Mankovich, John
TITLE OF INVENTION: HUMAN CASPASE-14 COMPOSITIONS
FILE REFERENCE: BBI-111
CURRENT APPLICATION NUMBER: US/09/845,028
CURRENT FILING DATE: 2000-04-27
CURRENT FILING DATE: 2000-04-27
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CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/199,962
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TITLE OF INVENTION: HUMAN CASPASE-14 COMPOSITIONS
FILE REFERENCE: BBI-111
TYPE: PRT
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                           ENGTH: 242
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 105
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Publication No. US20030165488A1
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CURRENT APPLICATION NUMBER: US/09/851,873
CURRENT FILING DATE: 2001-05-08
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APPLICANT: Reardon, Ilene M
APPLICANT: Weiland, Katherine L
TITLE OF INVENTION: HUMAN CASPASE-12 MATERIALS AND METHODS
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                                                                                       263 CIVSMLTKELY 273
                                                                                                                                   176 IAYRHDQKGSCFIQTLVDVFTK--RKGHILELLTEVTRRMA-EAELVQ---EGKARKTNP 229
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         80;
                                                                                                                                                                                                                                                                                                                                                                                                                                              9 EEKYDMSGARLALILCVTK-----AREGSEEDLDALEHMEROLRFESTMKRDPTA 58
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            57 TAEOFQEELEKFQQAIDSREDPVSCAFVVLMAHGREGFLKGEDG--EMVKLENLFEALNN 114
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                                                                                                      ORGANISM: Mus musculus US-09-989-903-2
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US-09-764-803A-2
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                                                                                                                                                       SEQ ID NO 2
LENGTH: 260
TYPE: PRT
                                                                                                                                                                                                                                                Sequence 2, Application US/09989903
Patent No. US20020146804A1
GENERAL INFORMATION:
APPLICANT: Fernandez-Alnemri, Teresa
APPLICANT: Fernandez-Alnemri, Teresa
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: OASPASE-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
TITLE OF INVENTION: AND METHODS OF USE
FILE REFERENCE: 480140.434D1
CURRENT APPLICATION NUMBER: US/09/989,903
CURRENT FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/764,803A CURRENT FILING DATE: 2001-01-17 PRIOR APPLICATION NUMBER: PCT/EP99/04939 PRIOR FILING DATE: 1999-07-12 PRIOR APPLICATION NUMBER: EP 98202422.6 PRIOR APPLICATION NUMBER: EP 98202422.6 PRIOR APPLICATION NUMBER: P 98202422.6 PRIOR FILING DATE: 1999-07-17
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                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0
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PPLICANT: Fiers, Walter
TTLE OF INVENTION: NEW CASPASE HOMOLOGUE
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                        Local Similarity
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  Conservative
18.8%; Score 274; DB 10; Length 260; 31.5%; Pred. No. 4.3e-20; tive 41; Mismatches 104; Indels 4:
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Search completed: December 29, 2003, 16:46:52 Job time : 33 secs
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US-10-068-564-2
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Publication No. US20030040096A1
GENERAL INFORMATION:
APPLICANT: Alberni, Emad S.
APPLICANT: Pernandez-Alberni, Teresa
APPLICANT: Pernandez-Alberni, Teresa
TITLE OF INVENTION: CASPASE-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
TITLE OF INVENTION: AND METHODS OF USE
FILE REFERENCE: 480140, 434C2
CURRENT APPLICATION NUMBER: US/10/068,564
CURRENT APPLICATION NUMBER: US/10/068,564
CURRENT FILING DATE: 2002-02-05
NUMBER OF SEQ. ID NOS: 78
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TYPE: PRT
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                                                                                                                     235 EVMQEGK-----PRKVNPEVQSTLRKKLY 258
                                                                                                                                                                                                                                    175 QSIPTYTDTLHIYSTVEGYLSYRHDEKGSGFIQTLTDVFIHKKGSILELTEEITRLMANT 234
                                                                                                                                                                                                                                                                                            186 --IPVEADFLYAYSTAPGYYSWRNSKDGSWFIQSLC-AMLKQYADKLEFMHILTRV--NR 240
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Pred. No. 4.3e-20;
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